



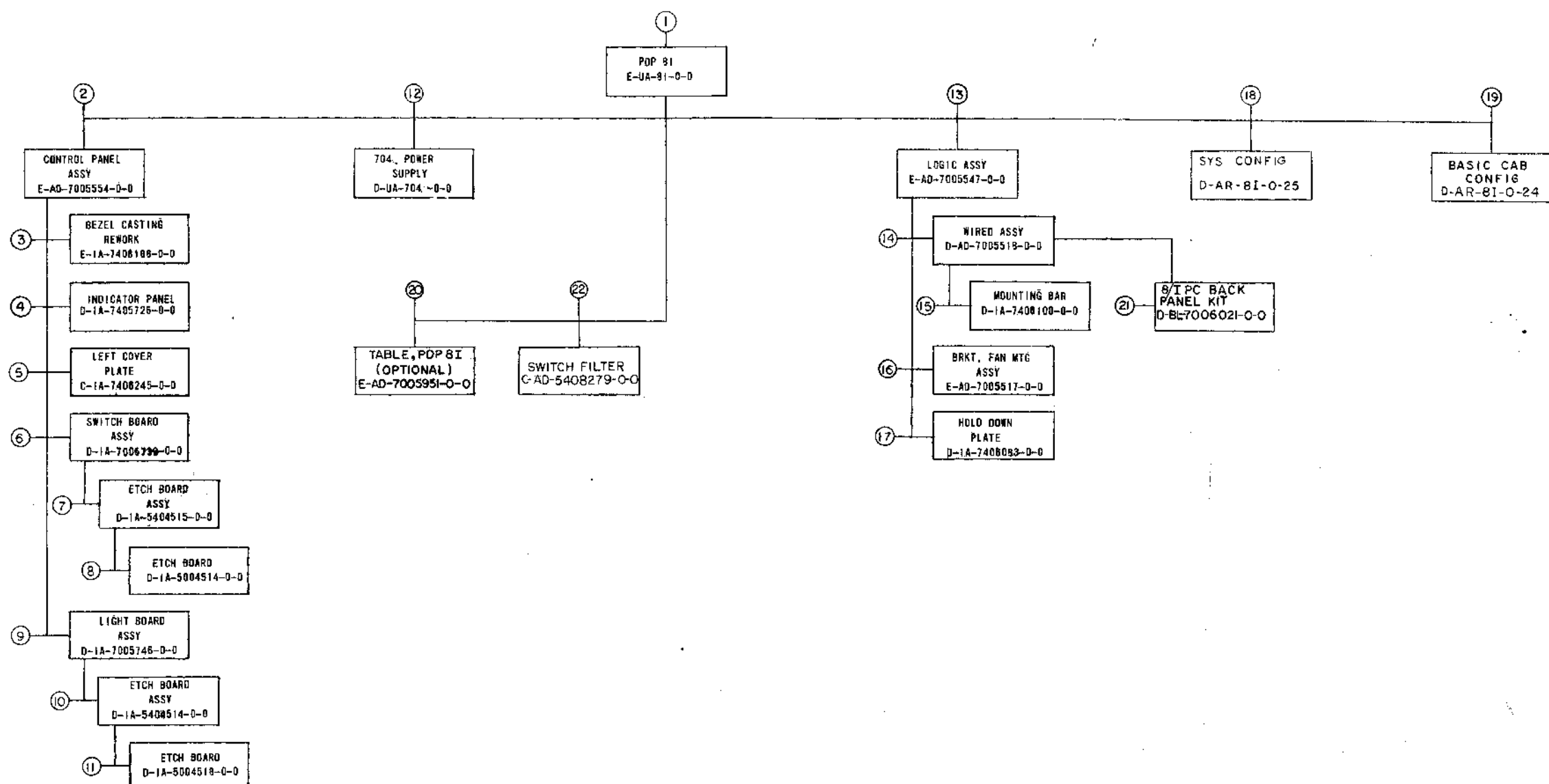






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12-0-18 2



ASSY DWG E-UA-81-0-0

REV	CHG	NO	BY	DATE
1	ECO	3303	C	
2	REVISED & REDRAWN			2/12/67
3	ECO	3374	D	
4	ECO	3525	H	
5	ECO	5526	H	
6	ECO	3499	F	
7	ECO	3499	F	
8	ECO	3444	E	
9	ECO	3444	E	
10	ECO	3444	E	
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12	ECO	3444	E	
13	ECO	3444	E	
14	ECO	3444	E	
15	ECO	3444	E	
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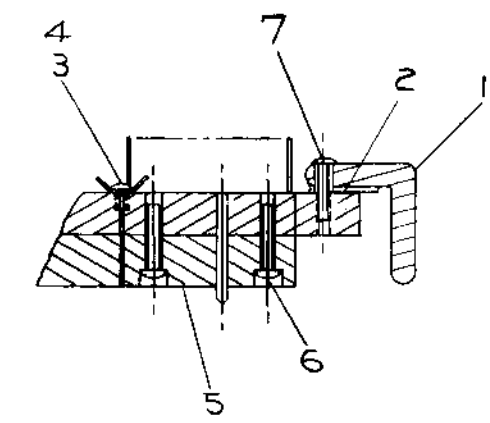
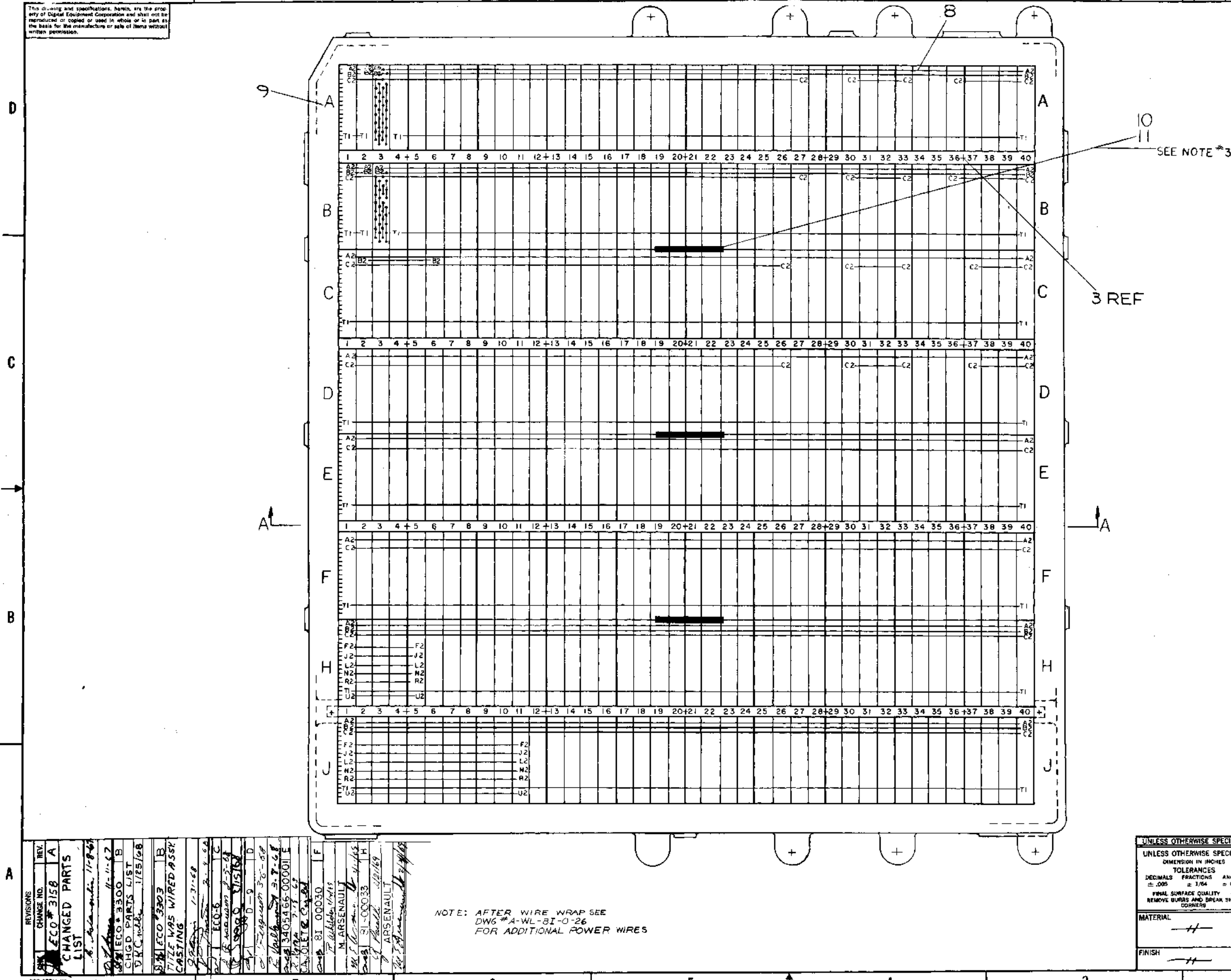
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
±.005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
UNLESS OTHERWISE SPECIFIED			
DRM DOUG HALL DATE 10/23/67			
CHK'D D. HEALY DATE 11/7/67			
ENG S. ZNAMERLOVSKY DATE 11/7/67			
PROJ. ENG ED DECASTRO DATE 11/9/67			
PROC. M. CASOLET DATE 11/16/67			
FIRST USED ON			
E-UA-81-0-0			
SCALE NONE			
SHEET 1 OF 2			
TITLE		REV	
PDP 8/I DRAWING INDEX LIST		DW	
SIZE CODE		NUMBER	
DDI 81-0-21		21	
DIST. G			

SIZE CODE NUMBER DDI 81-0-21 DW



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- NOTES:**
1. A2 = +5V  
B2 = -15V  
C2 = GROUND
  2. -15V(B2) NOT USED ON RACKS C, D, E & F.
  3. ATTACH NEOPRENE SHIMS (ITEM \*10) BETWEEN BLOCKS IN APPROX. LOCATION SHOWN WITH ITEM \*11 (DOUBLE SIDED TAPE)



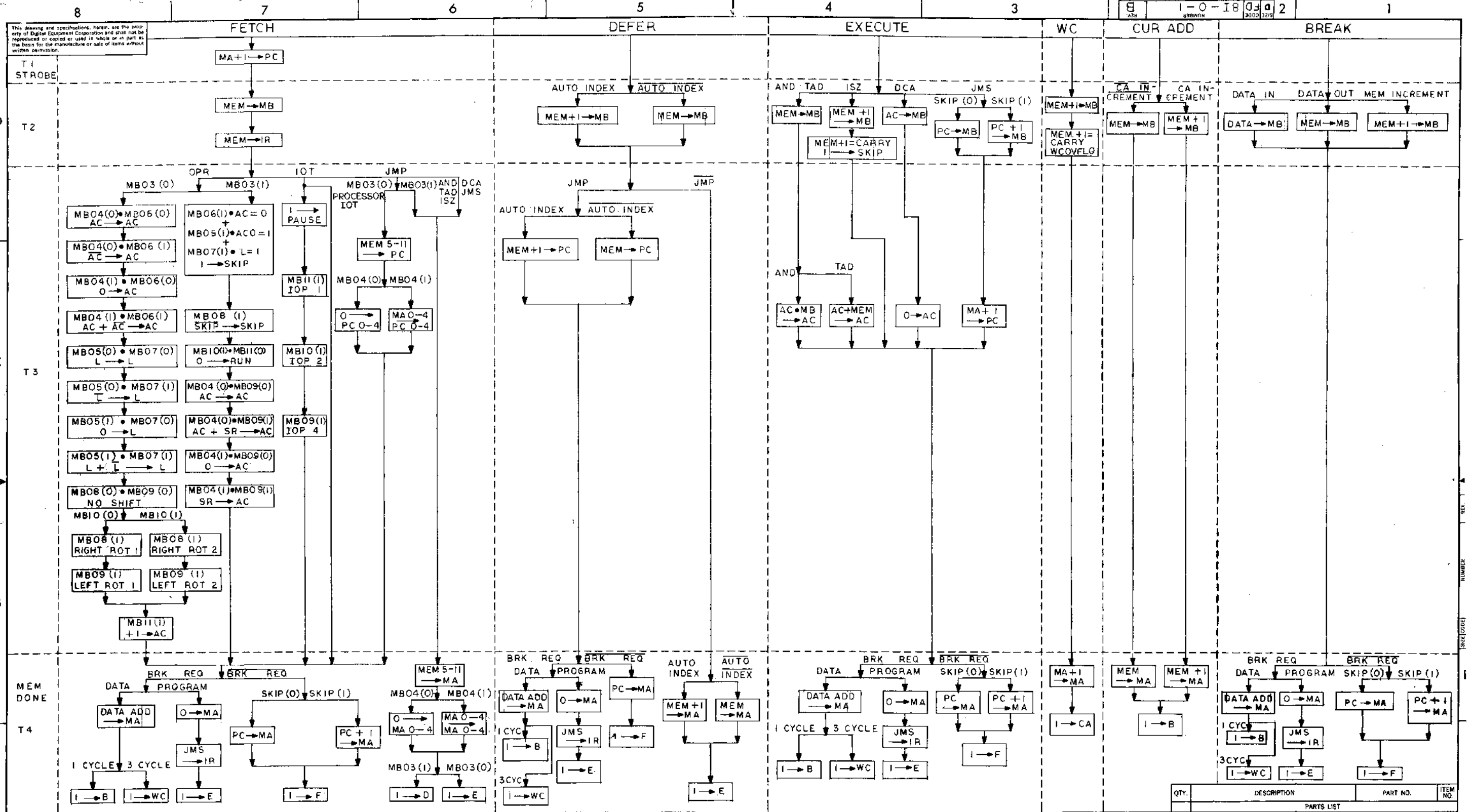
REV.	CHANGE NO.	DESCRIPTION
A	1	CHANGED PARTS LIST
B	2	ECO # 3300
C	3	ECO # 3303
D	4	ECO # 3304
E	5	ECO # 3305
F	6	ECO # 3306
G	7	ECO # 3307
H	8	ECO # 3308

NOTE: AFTER WIRE WRAP SEE DWG #A-WL-BI-0-26 FOR ADDITIONAL POWER WIRES

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
<b>digital</b> EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
UNLESS OTHERWISE SPECIFIED		TITLE	
DIMENSION IN INCHES		WIRED ASSY, (81)	
TOLERANCES		SIZE/CODE	
DECIMALS ± .005	FRACTIONS ± 1/64	D AD 7005518-0-0	
ANGLES = 0°30'		NUMBER	
FINAL SURFACE QUALITY		1	
REMOVE BURRS AND BREAK SHARP CORNERS		REV. H	
MATERIAL		SHEET 1 OF 1	
FINISH		DIST.	

PARTS LIST		DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				REVISIONS		
PART NO.	DRWG. NO.	NO. REQ'D.	DESCRIPTION ITEM — STOCK SIZE — CAT. NO. — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG.	
1	E-IA-7406078-0-0	1	WIRING CASTING REWORK	7406078	A-3158	11-8-67	<i>JM</i>	
2	D-IA-7406100-0-0	4	MTG BAR	7406100	CHGD PART #7			
3		20	SCR, PHL HD FIL POSI DRIVE 8-32 x 3/8 C.P.S.		B-3300	1/25/68	<i>PP</i>	
4		20	TERMINAL-2116-08-00 SHAKEPROOF		CHGD PART #7			
5	E-SC-1205348-0-0	40	288 PIN CONN BLOCK	1205348	B-3303 CHGD TITLE	1/21/68	<i>PP</i>	
6		80	SCR, PHL HD FIL POSI DRIVE 8-32 x 3/4 C.P.S.		C-6	2/9/68	<i>GS</i>	
7		8	SCR PHL HD TRUSS 8-32 x 3/4 SST NILON LOCKING		D-9	3-6-68	<i>BV</i>	
8		AS REQ'D	STRIP, BUS	1205541	E-3405466- 00001	7-18-68	<i>PP</i>	
9		AS REQ'D	PANEL SCOTCHCAL 1/4 HIGH BLK		F-8I-00030	2/1/69	<i>MEA</i>	
10		3	NEOPRENE PAD 1/16 X 1 X 2	9007924	H-8I-00033	2/1/69	<i>MEA</i>	
11		A/R	DOUBLE SIDED TAPE *4032	9007834				
MADE BY DOM FASOLI		DATE 6/19/67	TITLE WIRED ASS'Y (81)		SIZE A	CODE PL	NUMBER 7005518-0-0	REV. H
CHECKED D. HEALY		DATE 8/1/67	FOR		ASSY. NO. D-AD-7005518-0-0		SHEET 1 OF 1	
ENG. <i>D. Healy</i>		DATE 9/22/67						





REV	CHG	NO.	DATE	BY
1	A	1	11/16/66	R. P. Deane
2	B	1	12/10/67	R. P. Deane
3	C	1	12/10/67	R. P. Deane
4	D	1	12/10/67	R. P. Deane

QTY.	DESCRIPTION	PART NO.	ITEM NO.

UNLESS OTHERWISE SPECIFIED

digital EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

TOLERANCES  
DECIMALS FRACTIONS ANGLES  
± .005 ± 1/64 ± 0°30'

FINAL SURFACE QUALITY  
REMOVE BLURS AND BREAK SHARP CORNERS

DATE 11/16/66  
DATE 6-11-67  
DATE 12-10-67  
DATE 12-10-67

ENG. R. P. Deane  
PROJ. ENG. R. P. Deane  
PROD. R. P. Deane

FIRST USED ON  
E-UA-BI-0-0

SCALE  
SHEET 1 OF 2

TITLE  
FLOW DIAGRAM  
(AUTO FUNCTIONS)

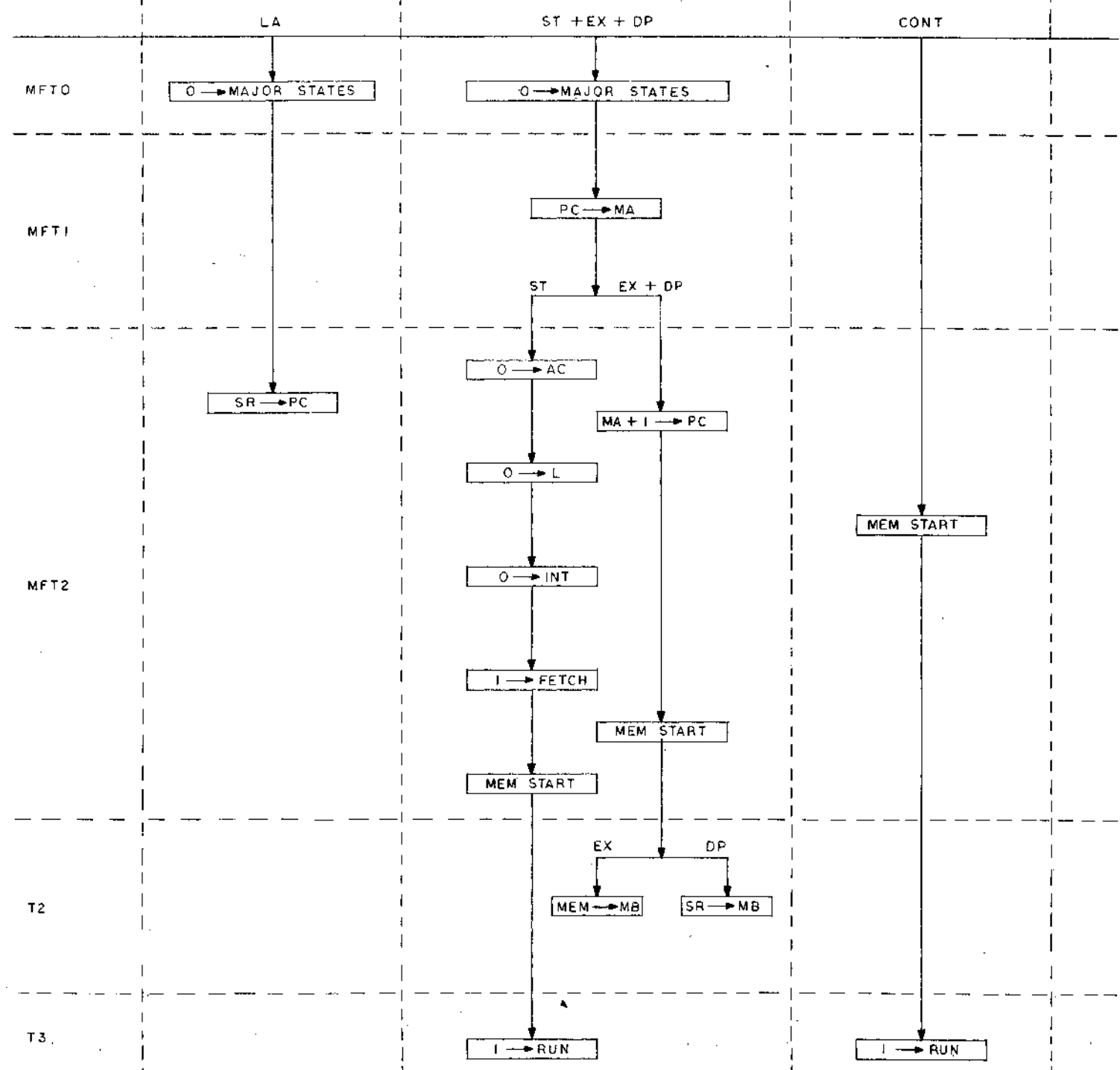
SIZE CODE DFD  
NUMBER BI-0-1  
REV. B

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REV. B  
 NUMBER 1-0-1  
 SIZE CODE DFD 8I-0-1

D  
 C  
 B  
 T3  
 T2  
 MFT2  
 MFT1  
 MFT0

D  
 C  
 B  
 T3  
 T2  
 MFT2  
 MFT1  
 MFT0



REV.	
CHANGE NO.	
CHK.	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°00'	
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		E-UA-8I-0-0	
SCALE		SIZE/CODE	NUMBER
SHEET 2 OF 2		DFD 8I-0-1	REV. B

**digital** EQUIPMENT CORPORATION  
 TITLE  
 FLOW DIAGRAM  
 (MAN FUNCTIONS)

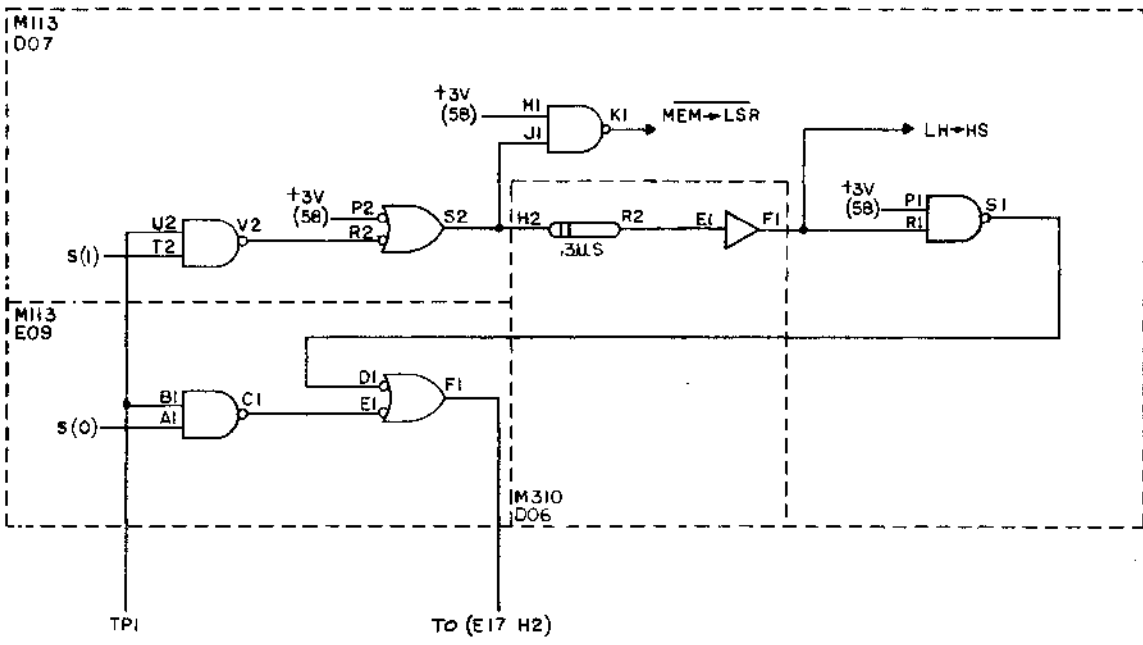








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REV.	CHG.	NO.	BY	DATE
W	BI-00081			
Y	BI-00085			
Z	SI-00086			

DEC FORM NO. 102A

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN <i>[Signature]</i> DATE 9-24-68	
UNLESS OTHERWISE SPECIFIED		CHK'D. DATE	
DIMENSION IN INCHES		ENG. DATE	
TOLERANCES		PROJ. ENG. DATE	
DECIMALS FRACTIONS ANGLES		PROD. DATE	
± .005 ± 1/64 ± 0°30'		FIRST USED ON	
FINAL SURFACE QUALITY		E-UA-81-0-0	
REMOVE BURRS AND BREAK SHARP CORNERS		SIZE CODE	
MATERIAL		DIBS	
FINISH		NUMBER	
SCALE		81-0-2	
SHEET		2 OF 2	
REV.		Z	

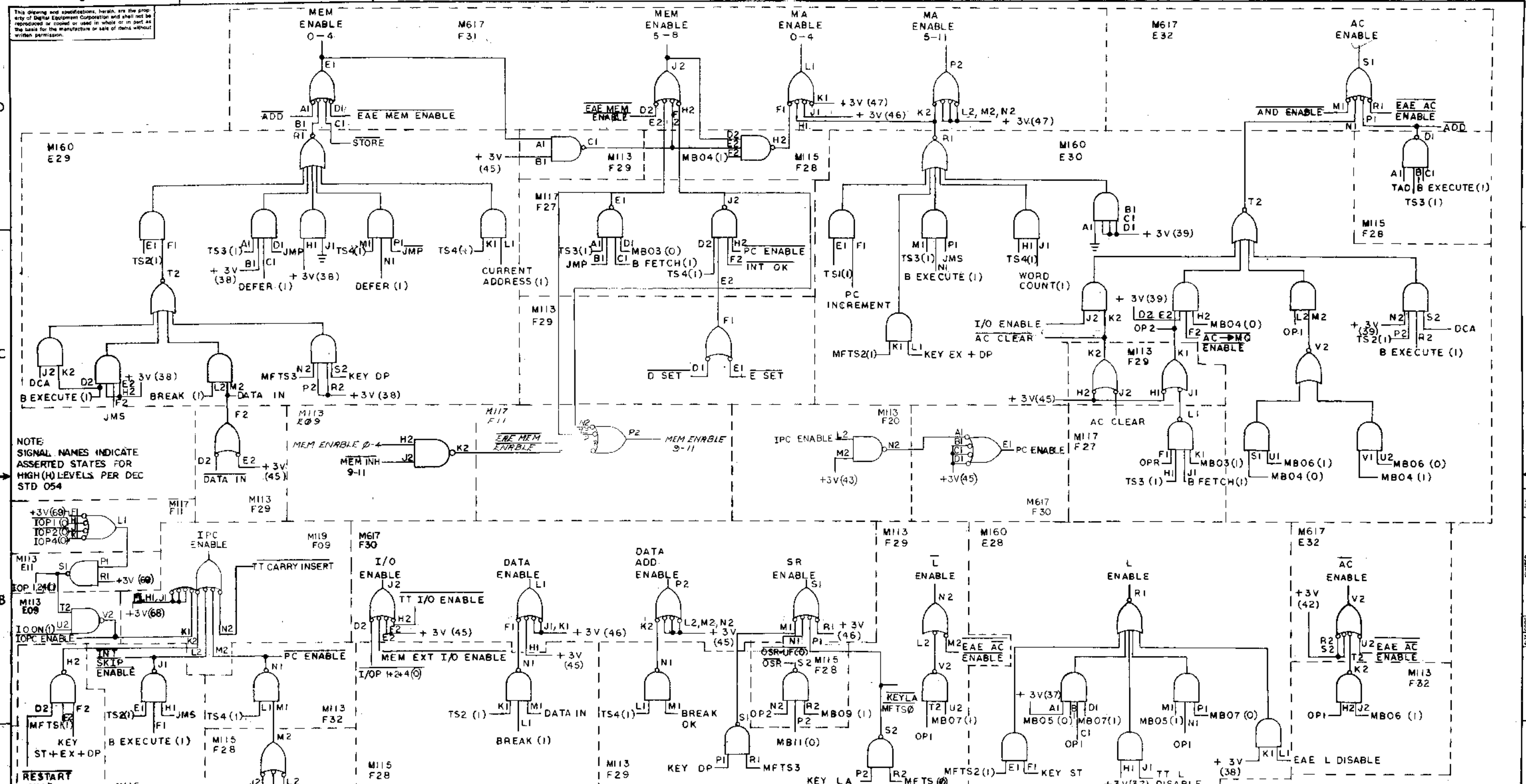
digital EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

TITLE  
TIMING MANUAL  
FUNCTIONS & RUN

SIZE CODE: DIBS  
NUMBER: 81-0-2  
SHEET: 2 OF 2  
REV.: Z

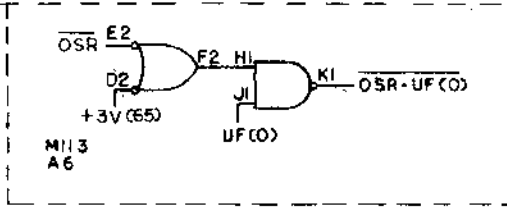






NOTE:  
SIGNAL NAMES INDICATE  
ASSERTED STATES FOR  
HIGH (H) LEVELS PER DEC  
STD 054

REV	CHG	BY	DATE	DESCRIPTION
1				
2				
3				
4				
5				
6				
7				
8				



QTY.	DESCRIPTION	PART NO.	ITEM NO.

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DATE 1/9/67	digital CORPORATION MAYFIELD MASSACHUSETTS
TOLERANCES DECIMALS ± .005 FRACTIONS ± 1/64 ANGLES ± 0°30'	DATE 10-10-67	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE 8-21-67	
MATERIAL	DATE	
FINISH	DATE	

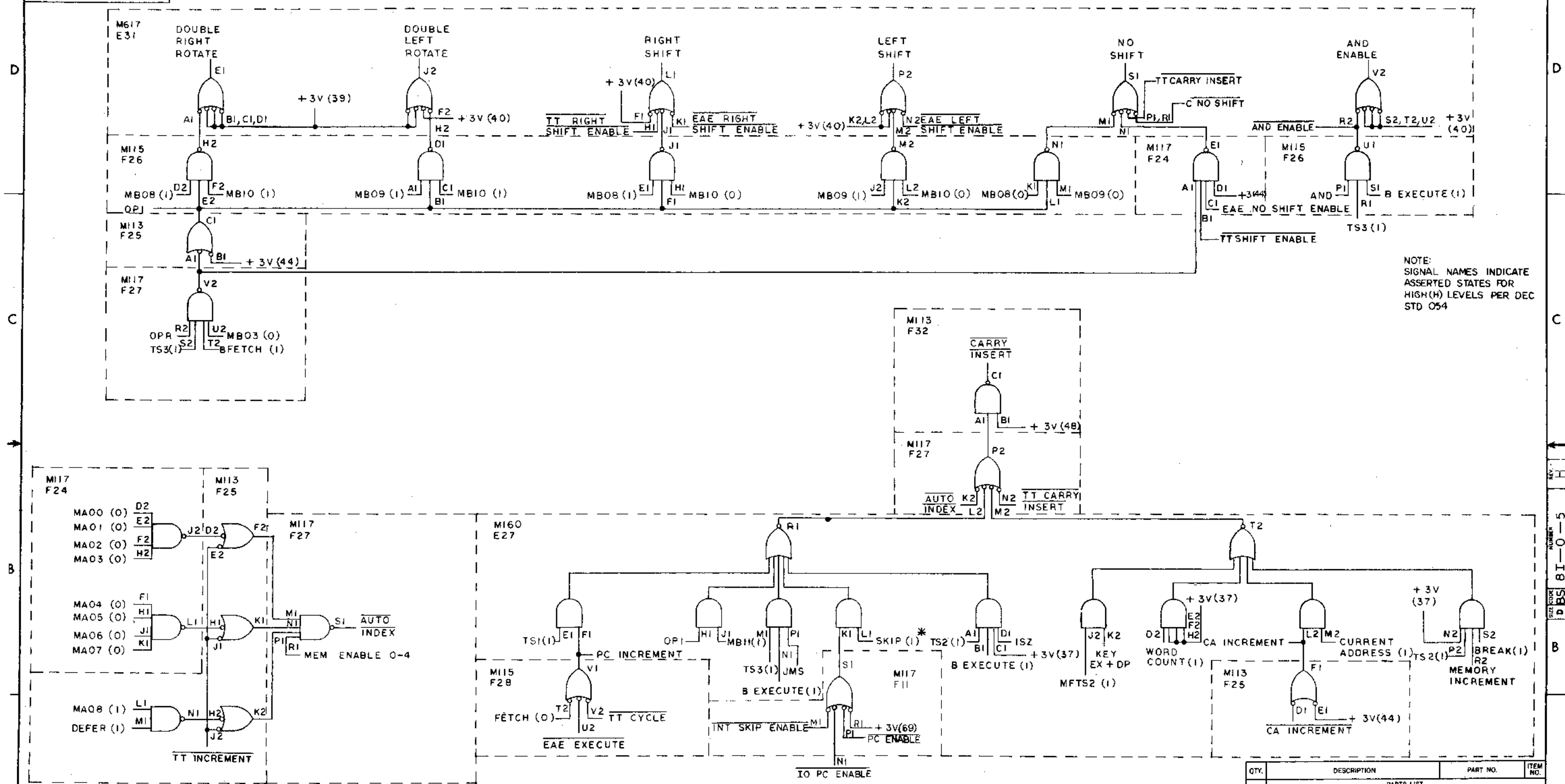
  

UNLESS OTHERWISE SPECIFIED	DATE 1/9/67	digital CORPORATION MAYFIELD MASSACHUSETTS
TOLERANCES DECIMALS ± .005 FRACTIONS ± 1/64 ANGLES ± 0°30'	DATE 10-10-67	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE 8-21-67	
MATERIAL	DATE	
FINISH	DATE	

REG OUTPUT GATE CONTROL	SIZE CODE DBS 81-0-4	NUMBER	REV J
SHEET	DIST.	OF	

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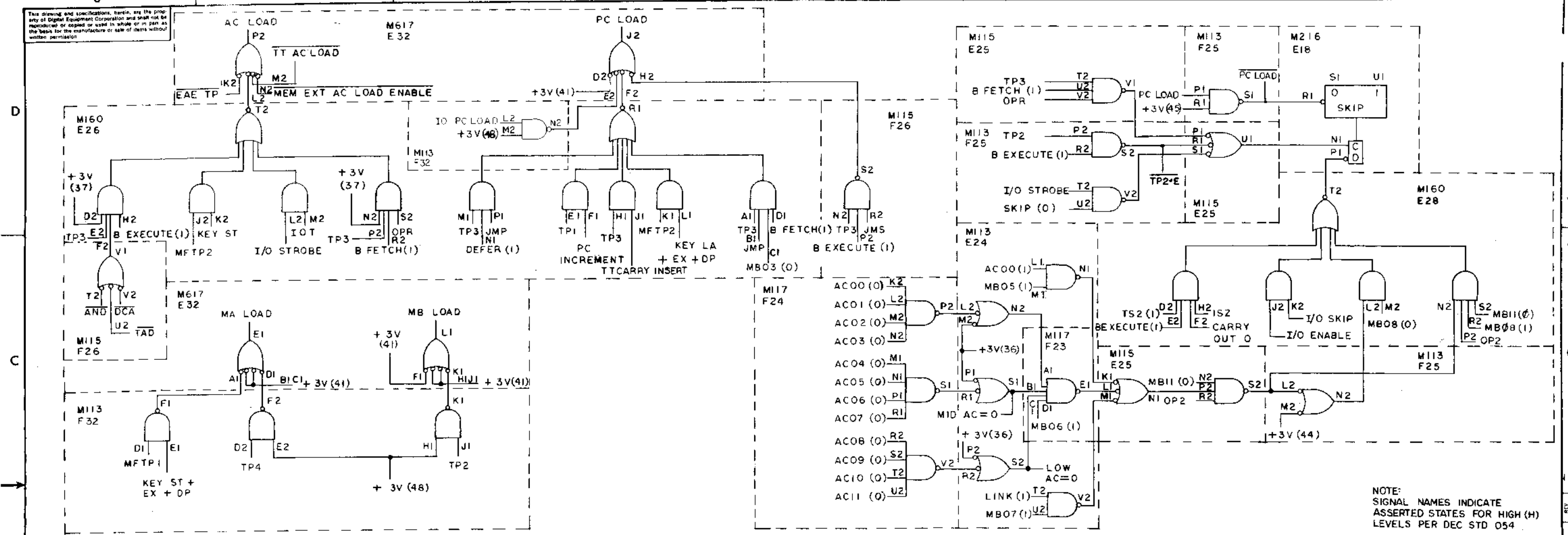
NOTE:  
SIGNAL NAMES INDICATE  
ASSERTED STATES FOR  
HIGH(H) LEVELS PER DEC  
STD 054

\* NOTE:  
IF A KT81 IS INSTALLED THIS  
BECOMES SKIP ORED. SEE  
OPTION JUMPERS 81-0-23

REV.	CHG.	NO.	DATE	BY
1	1	1	10/16/67	J. O. OUGHLIN
2	1	1	10/16/67	J. O. OUGHLIN
3	1	1	10/16/67	J. O. OUGHLIN
4	1	1	10/16/67	J. O. OUGHLIN
5	1	1	10/16/67	J. O. OUGHLIN
6	1	1	10/16/67	J. O. OUGHLIN
7	1	1	10/16/67	J. O. OUGHLIN
8	1	1	10/16/67	J. O. OUGHLIN

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
1	SHIFT & CARRY GATE CONTROL	81-0-5	H

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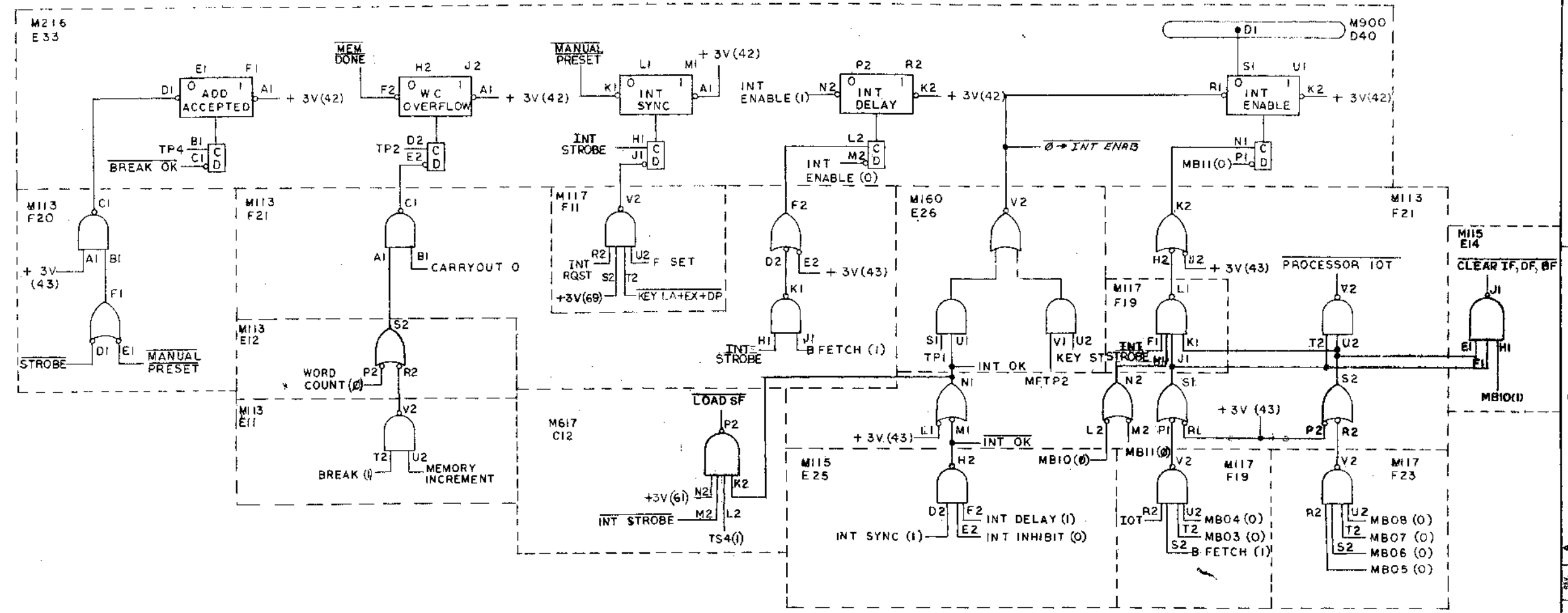


REV.	CHANGE NO.	DATE	BY	CHKD.
A	1	9-1-67	D. J. ...	
B	2	9-1-67	D. J. ...	
C	3	9-1-67	D. J. ...	
D	4	9-1-67	D. J. ...	
E	5	9-1-67	D. J. ...	
F	6	9-1-67	D. J. ...	
G	7	9-1-67	D. J. ...	
H	8	9-1-67	D. J. ...	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE REG INPUT CONTROL & SKIP			
FIRST USED ON E-UA-8I-0-0		SIZE/CODE DIBS 8I-0-6	NUMBER REV H
SCALE		SHEET 1 OF 1	

REV. H  
NUMBER  
8I-0-6  
DIBS

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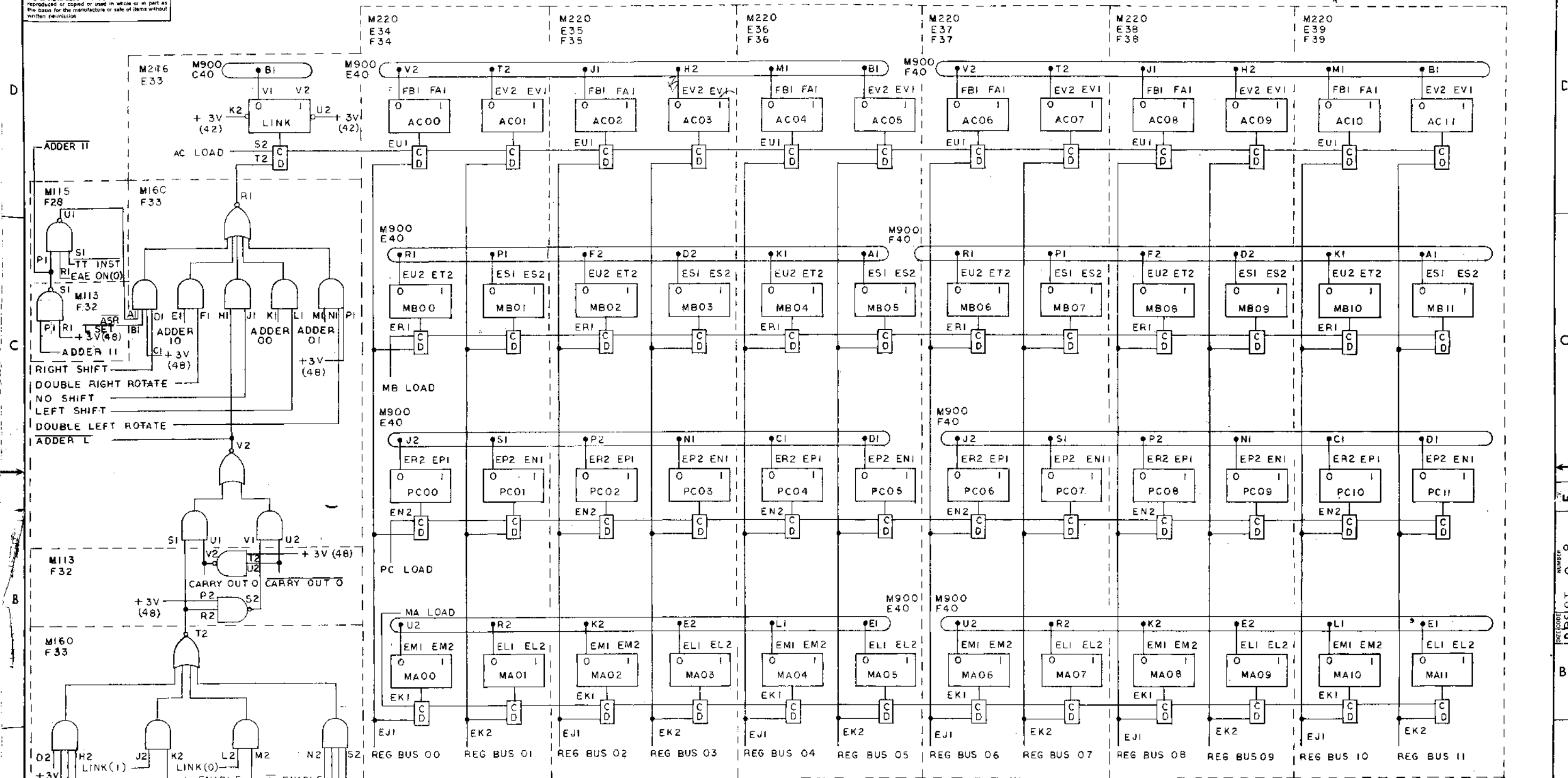


NOTE:  
SIGNAL NAMES INDICATE  
ASSERTED STATES FOR HIGH(H)  
LEVELS PER DEC STD 054

REV	CHG	NO.	DATE	BY	CHKD
A	ECO	2	9/27/67	A	
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS FRACTIONS ANGLES			
±.005 ±.014 ±.030			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
UNLESS OTHERWISE SPECIFIED			
DATE 2/5/67			
DATE 3-11-67			
DATE 10-14-67			
DATE 12-10-67			
DATE 5-21-67			
FIRST USED ON			
E-UA-81-0-0			
SCALE			
SHEET OF			
SIZE/CODE			
DIBS 81-0-7			
NUMBER			
REV			
L			

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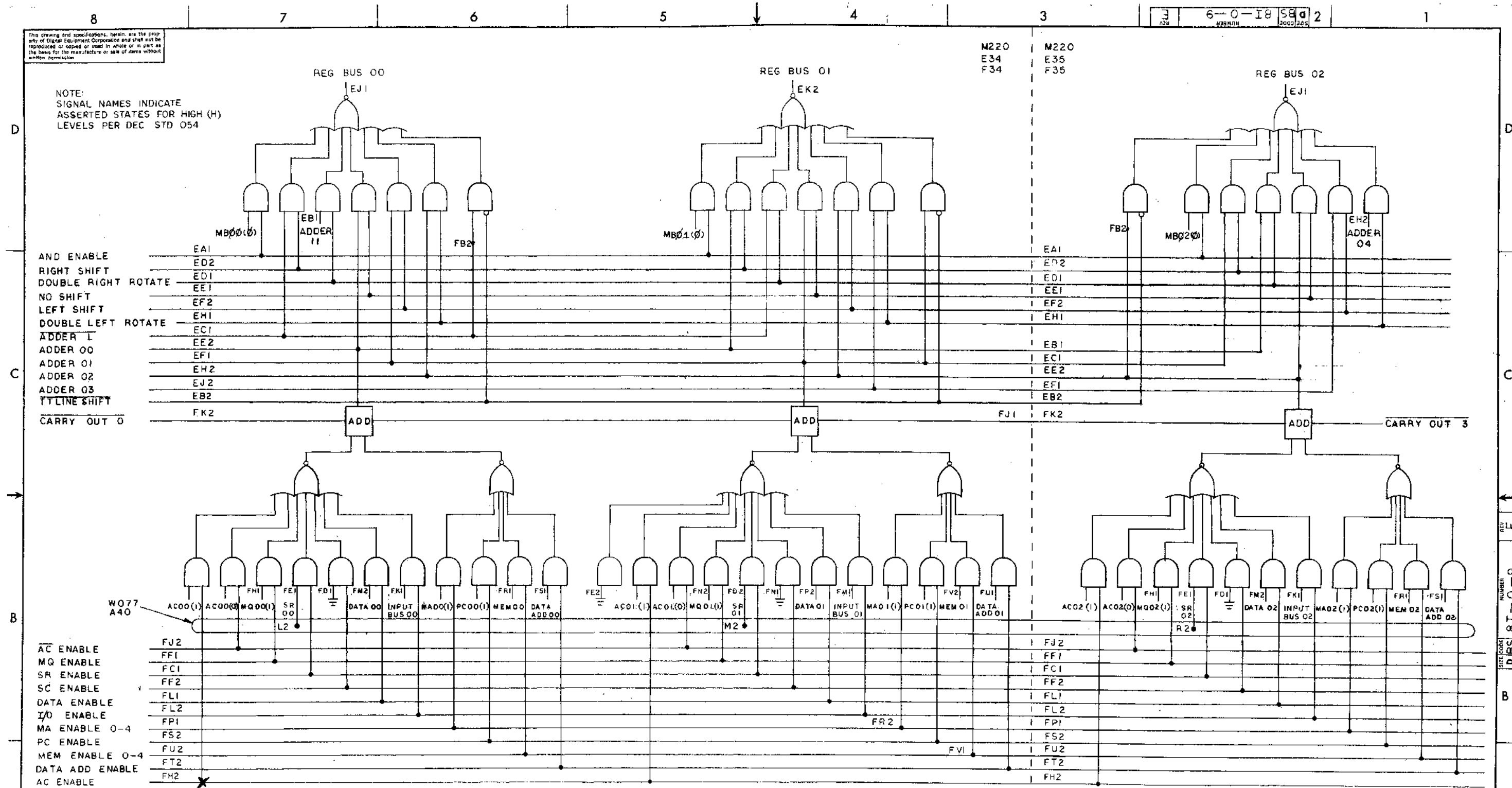
NOTE: SIGNAL NAMES INDICATE ASSERTED STATES FOR HIGH (H) LEVELS PER DEC STD 054

REV.	CHG.	NO.	DATE	BY	CHK'D
1	ECO	1	9-6-67	A	
2					
3					
4					
5					
6					
7					
8					

UNLESS OTHERWISE SPECIFIED		DRN	DATE	PARTS LIST	PART NO.	ITEM NO.
DIMENSION IN INCHES		<i>R. P. ...</i>	<i>11/5/68</i>			
TOLERANCES		CHK'D	DATE	TITLE		
DECIMALS	FRACTIONS	<i>...</i>	<i>...</i>	MAJOR REGISTERS		
± .005	± 1/64	ENG.	DATE	SIZE CODE		
± .010	± 1/32	PROJ. ENG.	DATE	NUMBER		
± .015	± 1/16	PROD.	DATE	DIST.		
± .020	± 1/8	FIRST USED ON	DATE	SCALE		
± .030	± 1/4	E-UA-BI-0-0	DATE	SHEET		
± .040	± 1/2		DATE	OF		
± .050	± 3/4		DATE	OF		
± .060	± 1		DATE	OF		
± .070	± 1 1/4		DATE	OF		
± .080	± 1 1/2		DATE	OF		
± .090	± 1 3/4		DATE	OF		
± .100	± 2		DATE	OF		
± .125	± 2 1/2		DATE	OF		
± .150	± 3		DATE	OF		
± .175	± 3 1/2		DATE	OF		
± .200	± 4		DATE	OF		
± .250	± 5		DATE	OF		
± .300	± 6		DATE	OF		
± .375	± 7 1/2		DATE	OF		
± .450	± 9		DATE	OF		
± .500	± 10		DATE	OF		
± .600	± 12		DATE	OF		
± .750	± 15		DATE	OF		
± .900	± 18		DATE	OF		
± 1.000	± 20		DATE	OF		
± 1.250	± 25		DATE	OF		
± 1.500	± 30		DATE	OF		
± 1.750	± 35		DATE	OF		
± 2.000	± 40		DATE	OF		
± 2.500	± 50		DATE	OF		
± 3.000	± 60		DATE	OF		
± 3.750	± 75		DATE	OF		
± 4.500	± 90		DATE	OF		
± 5.000	± 100		DATE	OF		

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NOTE:  
SIGNAL NAMES INDICATE  
ASSERTED STATES FOR HIGH (H)  
LEVELS PER DEC STD 054



AC ENABLE  
MQ ENABLE  
SR ENABLE  
SC ENABLE  
DATA ENABLE  
IO ENABLE  
MA ENABLE 0-4  
PC ENABLE  
MEM ENABLE 0-4  
DATA ADD ENABLE  
AC ENABLE

REV.	DATE	BY	CHKD.
A	11/15/66	R. Benise	
B	12/15/67		
C			
D			
E			

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
= .005	= 1/64	= 0°30'	
FINAL SURFACE QUALITY / REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FINISH	
FIRST USED ON		SCALE	
E-UA-81-0-0		SHEET 1 OF 4	
DATE		REV	
11/15/66		E	
DATE		NUMBER	
12/15/67		D BS 81-0-9	
DATE		DIST.	

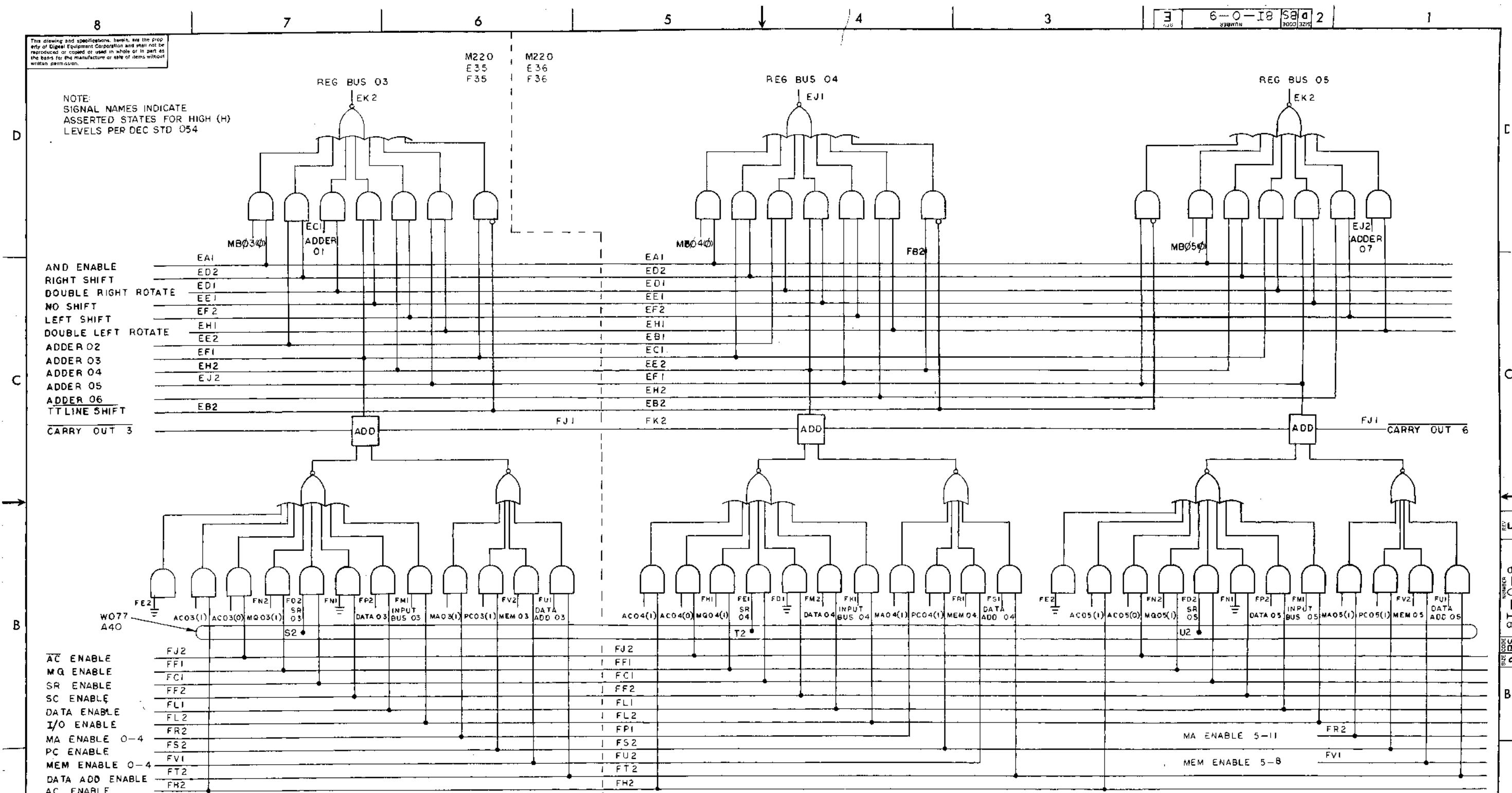
digital EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

TITLE  
**MAJOR REGISTER GATING**

SIZE CODE NUMBER REV  
D BS 81-0-9 E

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NOTE:  
SIGNAL NAMES INDICATE  
ASSERTED STATES FOR HIGH (H)  
LEVELS PER DEC STD 054



REV.	QTY.	DESCRIPTION	PART NO.	ITEM NO.
1				
2				
3				
4				
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8				

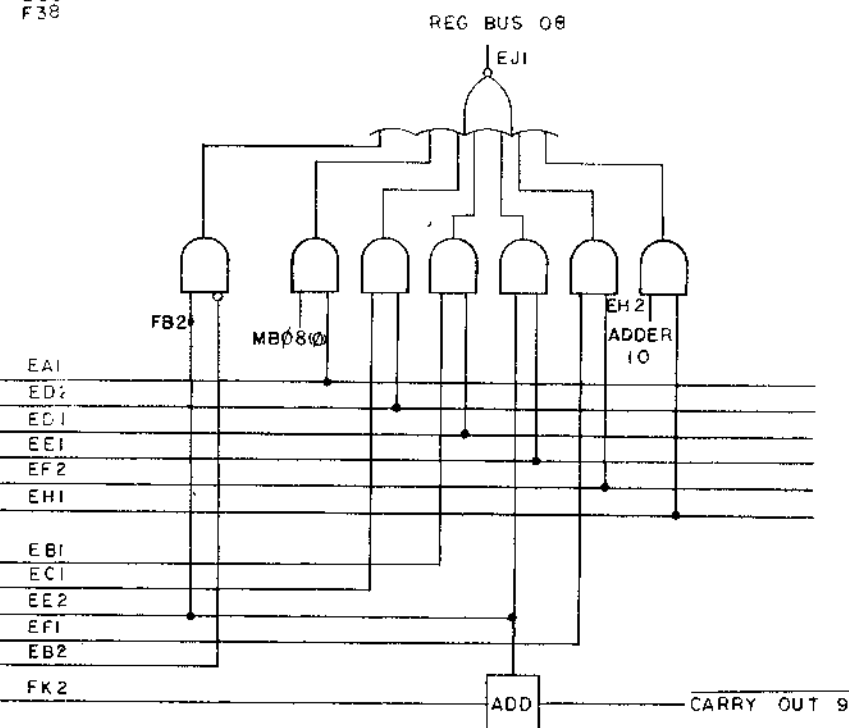
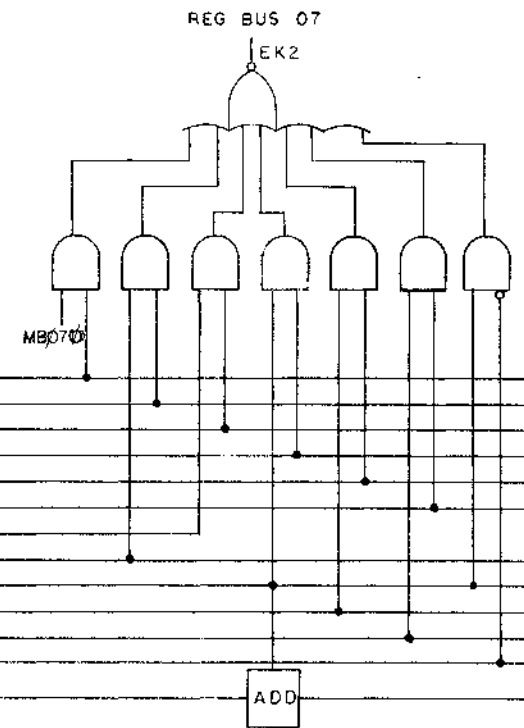
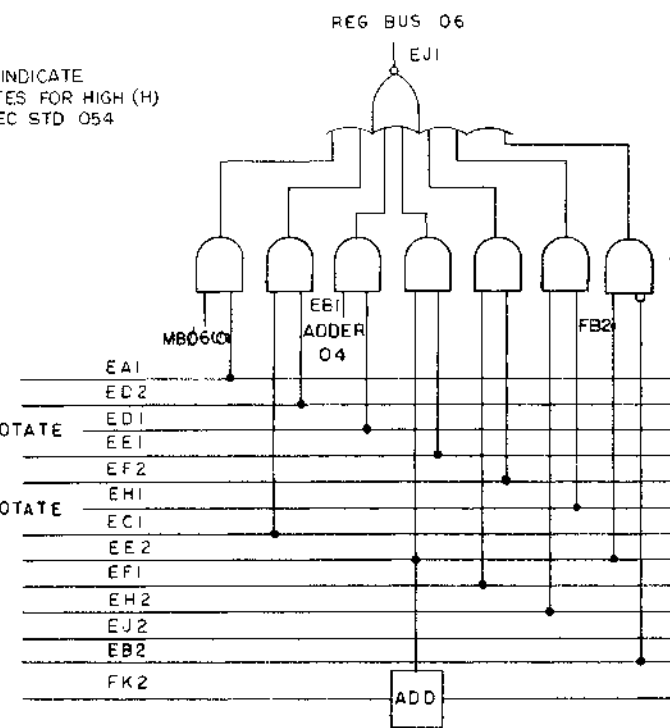
  

UNLESS OTHERWISE SPECIFIED		DRN: <i>R.D. Benja</i>	DATE: 11/16/66
DIMENSION IN INCHES		CHK'D: <i>R.D. Benja</i>	DATE: 11/16/66
TOLERANCES		ENG: <i>R.D. Benja</i>	DATE: 11/16/66
DECIMALS	FRACTIONS	PROJ. ENG: <i>R.D. Benja</i>	DATE: 11/16/66
± .005	± 1/64	PRG: <i>R.D. Benja</i>	DATE: 11/16/66
FINAL SURFACE QUALITY		FIRST USED ON: E-UA-8I-0-0	
REMOVE BURNS AND BREAK SHARP CORNERS		SCALE: SHEET 2 OF 4	
MATERIAL:		TITLE: MAJOR REGISTER GATING	
FINISH:		SIZE CODE: DBS 8I-0-9	
		NUMBER: E	
		REV: E	

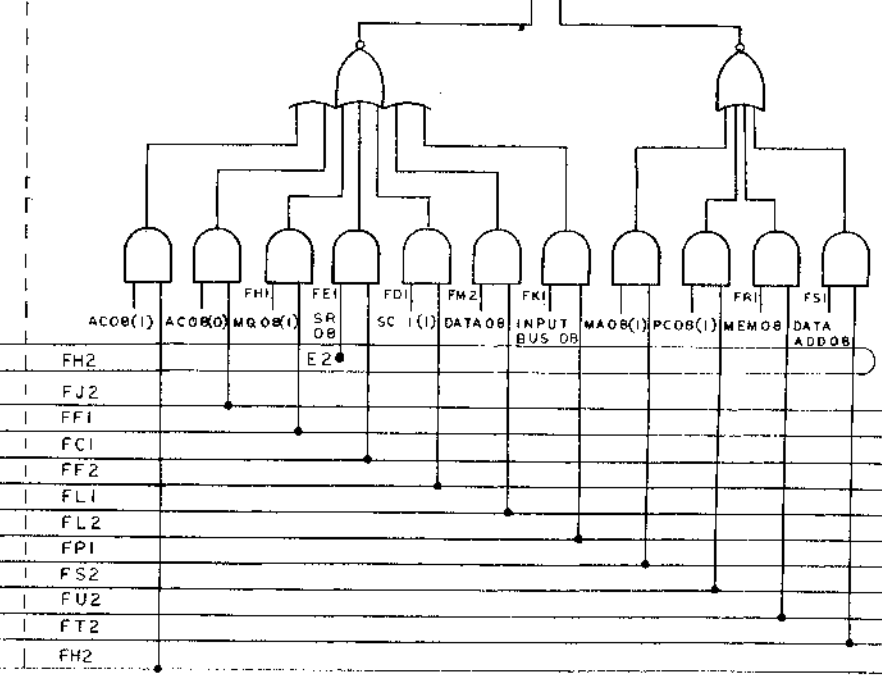
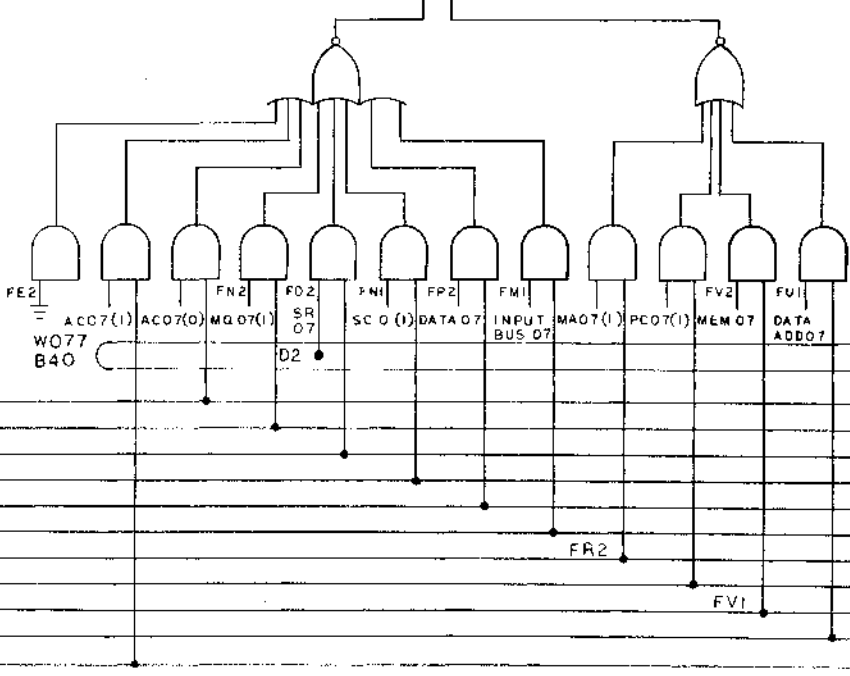
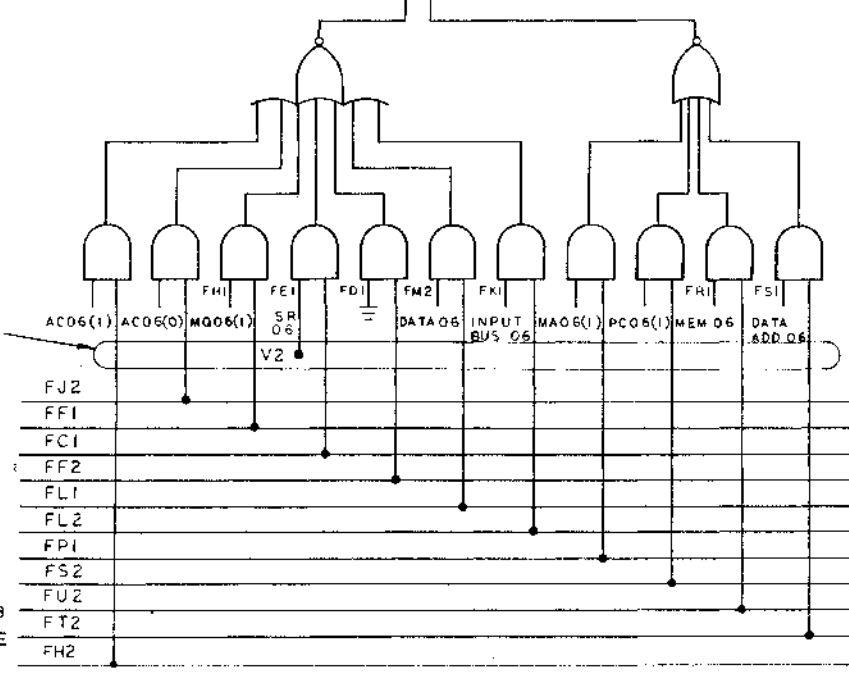
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NOTE:  
SIGNAL NAMES INDICATE  
ASSERTED STATES FOR HIGH (H)  
LEVELS PER DEC STD 054

AND ENABLE  
RIGHT SHIFT  
DOUBLE RIGHT ROTATE  
NO SHIFT  
LEFT SHIFT  
DOUBLE LEFT ROTATE  
ADDER 05  
ADDER 06  
ADDER 07  
ADDER 08  
ADDER 09  
TTLINE SHIFT  
CARRY OUT 6



AC ENABLE  
MQ ENABLE  
SR ENABLE  
SC ENABLE  
DATA ENABLE  
I/O ENABLE  
MA ENABLE 5-11  
PC ENABLE  
MEM ENABLE 5-8  
DATA ADD ENABLE  
AC ENABLE



M220  
E37  
F37

M220  
E38  
F38

REV. CHANGE NO. CHK

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DATE 1/15/66	
DIMENSION IN INCHES		DATE	
TOLERANCES		DATE	
DECIMALS	FRACTIONS	ANGLES	DATE
= .005	= 1/64	= 0°30'	DATE
FINAL SURFACE QUALITY		DATE	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	
MATERIAL		DATE	
FINISH		DATE	
FIRST USED ON		DATE	
E-UA-81-0-0		DATE	
SCALE		DATE	
SHEET 3 OF 4		DATE	
TITLE		DATE	
MAJOR REGISTER GATING		DATE	
SIZE CODE		DATE	
D8S 81-0-9		DATE	
NUMBER		DATE	
E		DATE	

REV. NUMBER 81-0-9

A

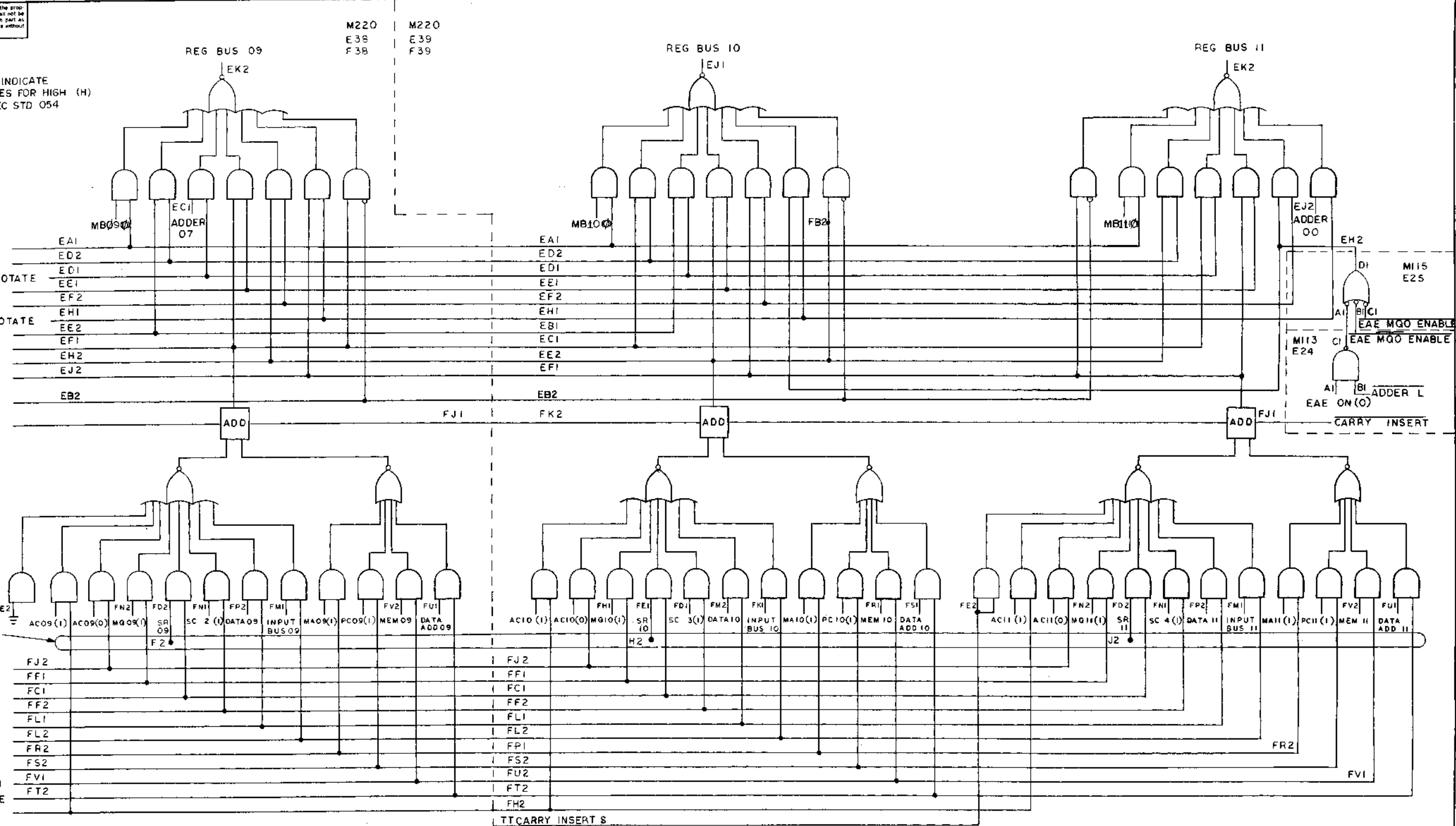


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NOTE:  
SIGNAL NAMES INDICATE  
ASSERTED STATES FOR HIGH (H)  
LEVELS PER DEC STD 054

AND ENABLE  
RIGHT SHIFT  
DOUBLE RIGHT ROTATE  
NO SHIFT  
LEFT SHIFT  
DOUBLE LEFT ROTATE  
ADDER 08  
ADDER 09  
ADDER 10  
ADDER 11  
TT LINE SHIFT  
CARRY OUT 9

AC ENABLE  
MQ ENABLE  
SR ENABLE  
SC ENABLE  
DATA ENABLE  
I/O ENABLE  
MA ENABLE 5-11  
PC ENABLE  
MEM ENABLE 9-11  
DATA ADD ENABLE  
AC ENABLE



REV.	CHG.	NO.

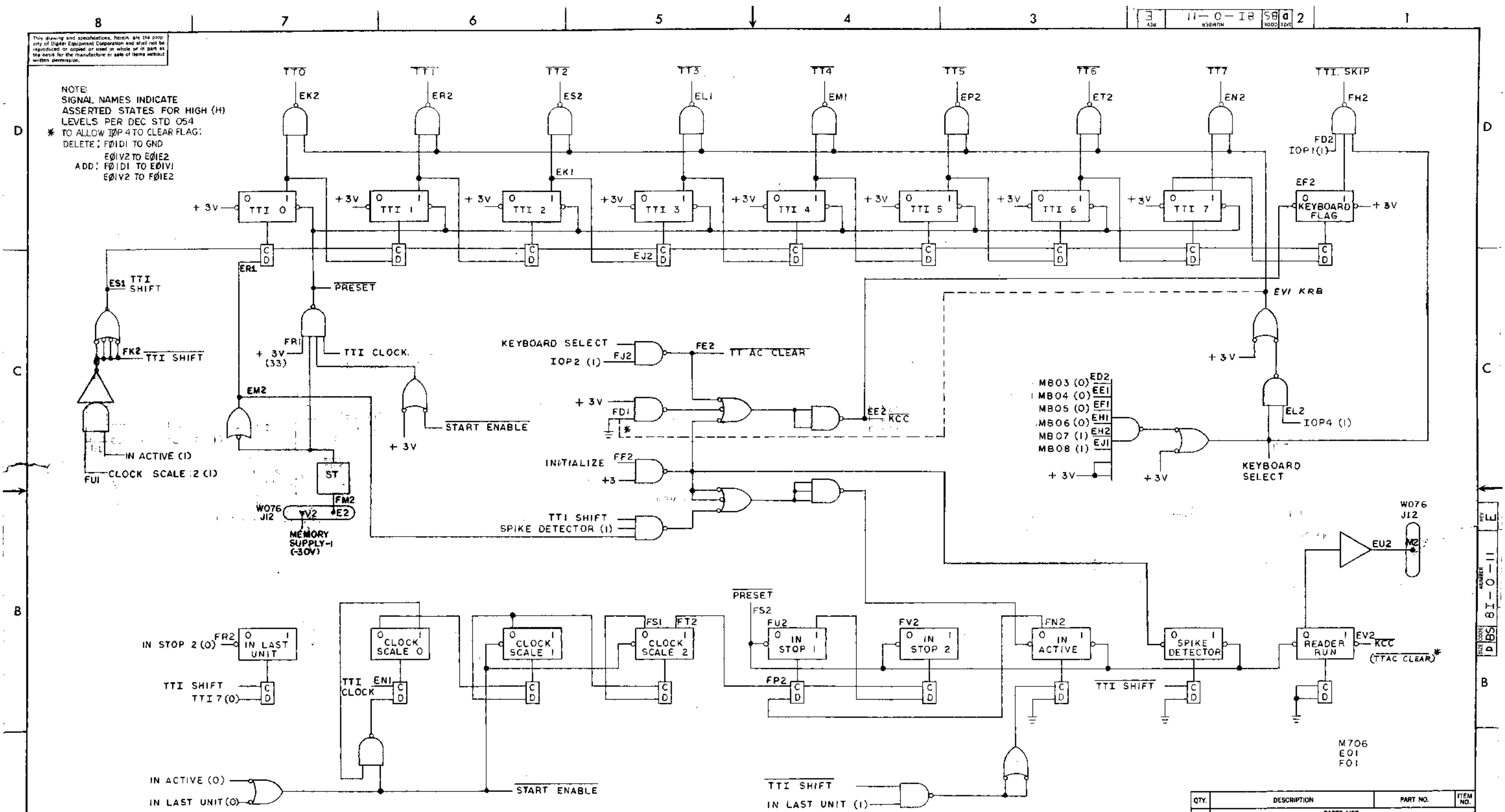
UNLESS OTHERWISE SPECIFIED	DRN. <i>R. J. Benia</i>	DATE <i>1/5/67</i>
UNLESS OTHERWISE SPECIFIED	CHKD. <i>Campanelli</i>	DATE <i>1/11/67</i>
DIMENSION IN INCHES	ENG. <i>R. J. Benia</i>	DATE <i>1/5/67</i>
TOLERANCES	PROJ. ENG. <i>R. J. Benia</i>	DATE <i>1/5/67</i>
DECIMALS FRACTIONS ANGLES	PRD. <i>R. J. Benia</i>	DATE <i>1/5/67</i>
± .009 ± 1/64 ± 0°30'	FIRST USED ON	DATE
FINAL SURFACE QUALITY	E-UA-81-0-0	
REMOVE BURRS AND BREAK SHARP CORNERS	SCALE	
	SHEET 4 OF 4	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE <b>MAJOR REGISTER GATING</b>			



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NOTE:  
SIGNAL NAMES INDICATE ASSERTED STATES FOR HIGH (H) LEVELS PER DEC STD 054  
\* TO ALLOW IOP 4 TO CLEAR FLAG:  
DELETE: F01D1 TO GND  
E01V2 TO E01E2  
ADD: F01D1 TO E01V1  
E01V2 TO F01E2



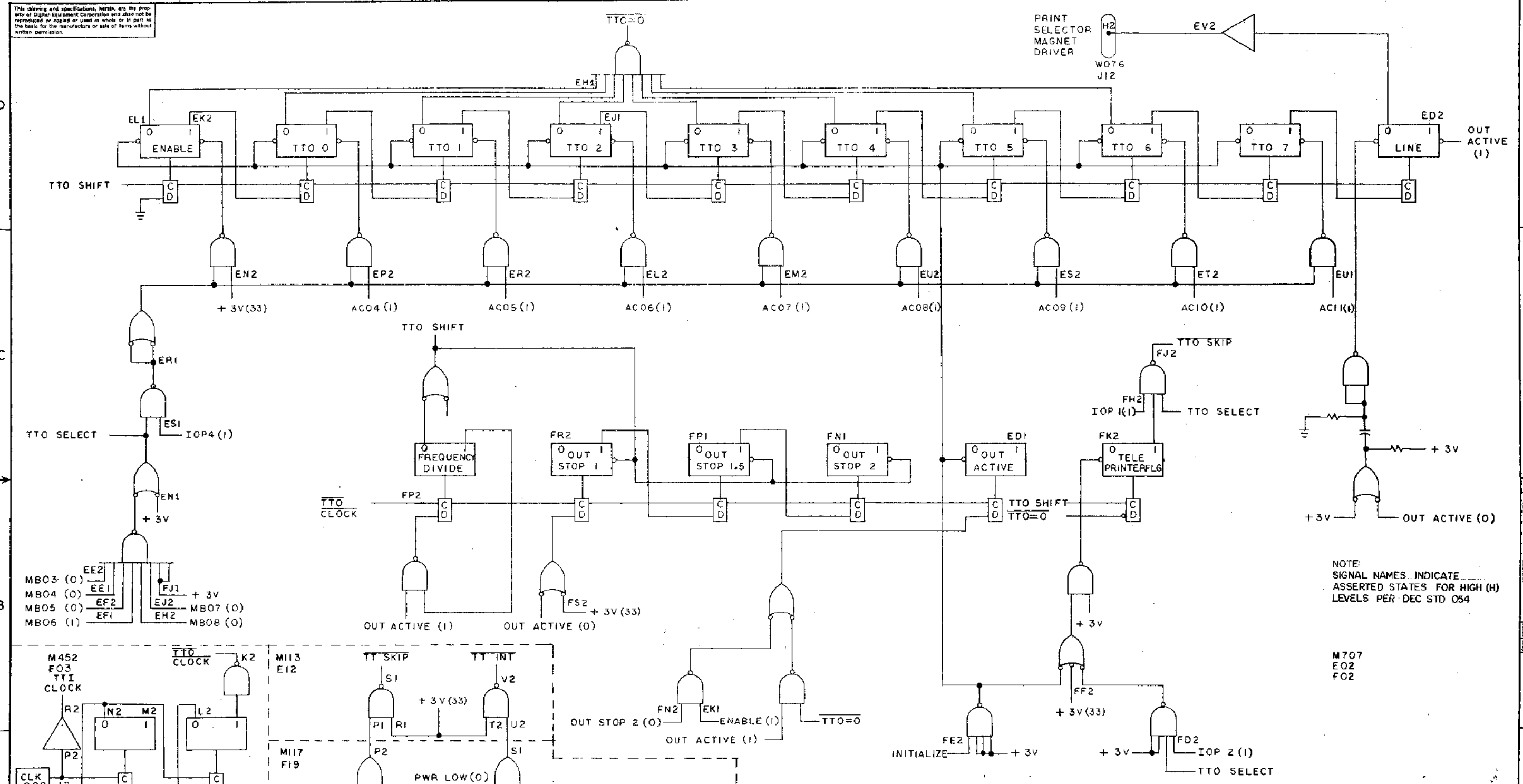
REV	CHG	NO.	DATE	BY	APP
1					
2					
3					
4					
5					
6					
7					
8					

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
	UNLESS OTHERWISE SPECIFIED		
	DIMENSION IN INCHES		
	TOLERANCES		
	DECIMALS FRACTIONS ANGLES		
	± .005 ± .010 ± .030		
	FINAL SURFACE QUALITY		
	REMOVE BURRS AND BREAK SHARP CORNERS		
	MATERIAL		
	FINISH		
	FIRST USED ON		
	E-UA-81-0-0		
	SCALE	SHEET	OF
		1	1

digital EQUIPMENT CORPORATION  
WATFORD, MASSACHUSETTS  
TITLE  
TELETYPE RECEIVER

REV E  
NUMBER 81-0-11  
SIZE CODE DBS

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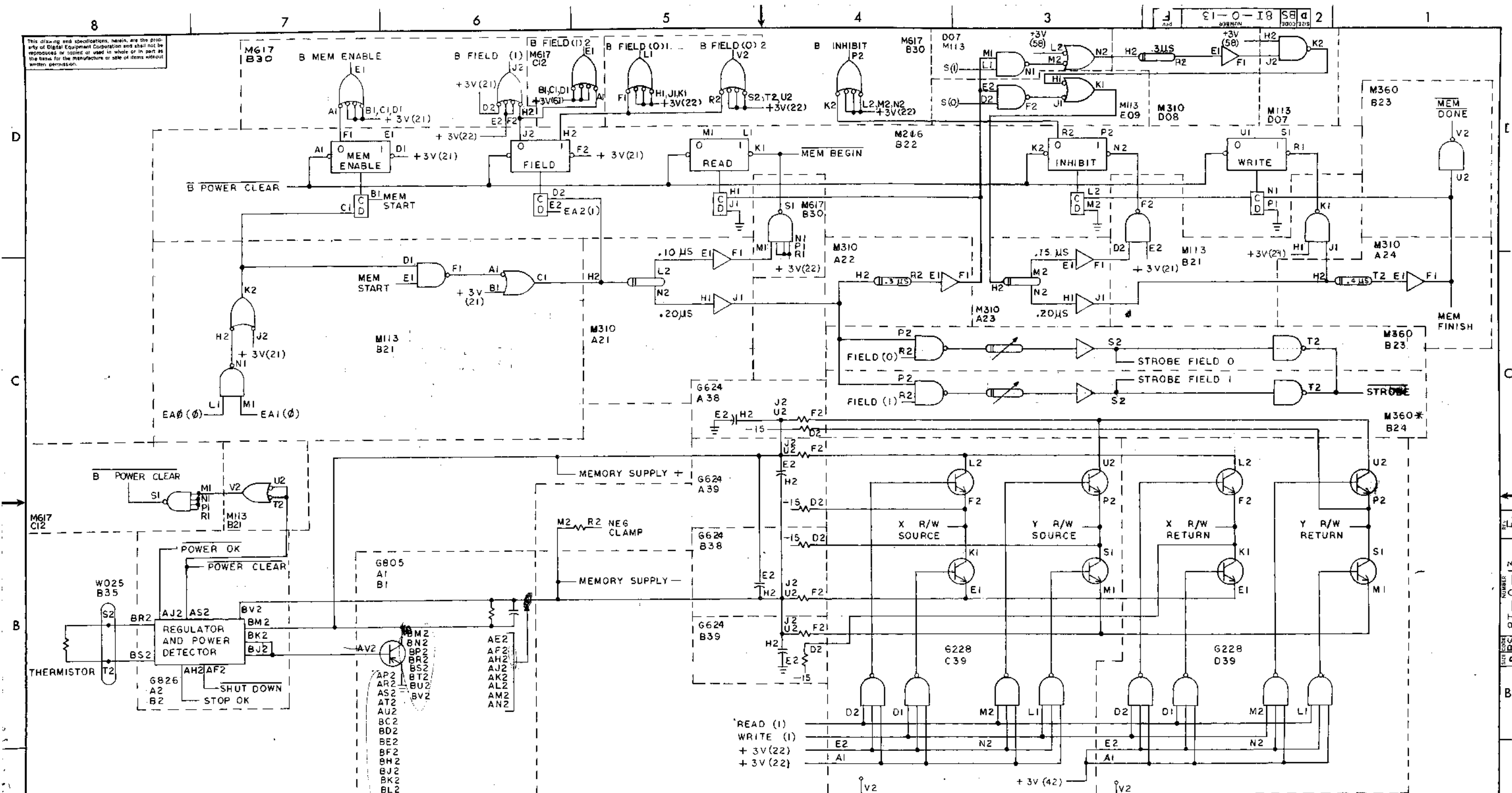
NOTE: SIGNAL NAMES INDICATE ASSERTED STATES FOR HIGH (H) LEVELS PER DEC STD 054

M707  
E02  
F02

REV	CHANGE NO.	BY	DATE
A	1	J. O'LOUGHLIN	11/11/67
B	2	J. O'LOUGHLIN	11/11/67
C	3	J. O'LOUGHLIN	11/11/67
D	4	J. O'LOUGHLIN	11/11/67
E	5	J. O'LOUGHLIN	11/11/67
F	6	J. O'LOUGHLIN	11/11/67
G	7	J. O'LOUGHLIN	11/11/67
H	8	J. O'LOUGHLIN	11/11/67
I	9	J. O'LOUGHLIN	11/11/67
J	10	J. O'LOUGHLIN	11/11/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
UNLESS OTHERWISE SPECIFIED		DATE 11/11/67	
DIMENSION IN INCHES		DATE 11/11/67	
TOLERANCES		DATE 11/11/67	
DECIMALS FRACTIONS ANGLES		DATE 11/11/67	
± .005 ± 1/64 ± 0°30'		DATE 11/11/67	
FINAL SURFACE QUALITY		DATE 11/11/67	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE 11/11/67	
MATERIAL		DATE 11/11/67	
FINISH		DATE 11/11/67	
FIRST USED ON		DATE 11/11/67	
E-UA-81-0-0		DATE 11/11/67	
SCALE		DATE 11/11/67	
SHEET 1 OF 1		DATE 11/11/67	
SIZE CODE DBS 81-0-12		REV. C	

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\* USE ONLY IF MC8I IS INSTALLED.

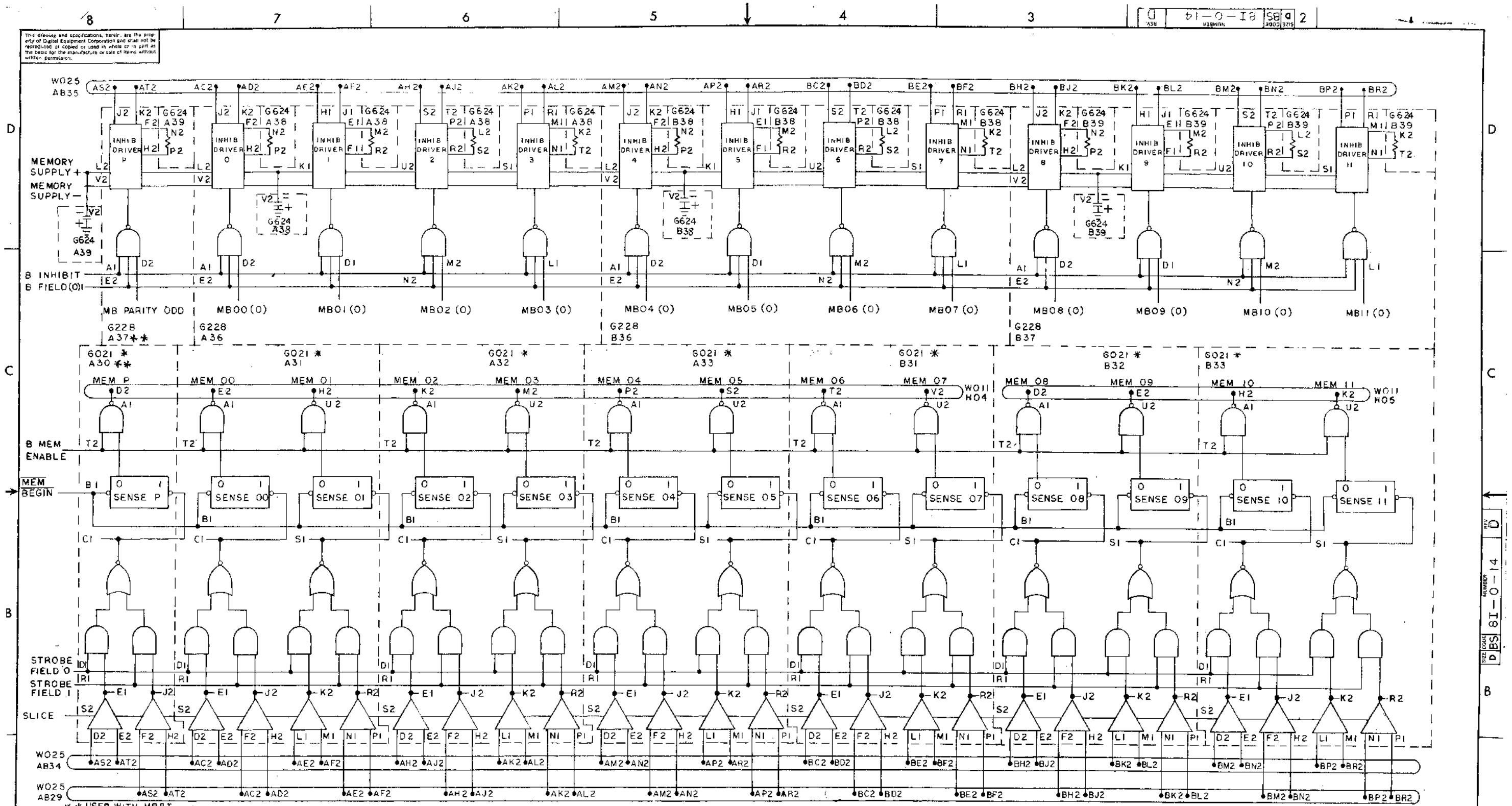
NOTE:  
SIGNAL NAMES INDICATE  
ASSERTED STATES FOR HIGH(H)  
LEVELS PER DEC STD 054

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
= .005	= 1/64	= 0°30'	
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
UNLESS OTHERWISE SPECIFIED			
DRN	DATE	digital EQUIPMENT CORPORATION	
CHKD	DATE	TITLE	
ENG	DATE	MEMORY CONTROL	
PROJ ENG	DATE	SIZE CODE	
PROP	DATE	NUMBER	
FIRST USED ON		REV.	
E-UA-PT-0-0		F	
SCALE	SHEET	OF	DIST.

REV.	CHANGE NO.	DATE	BY	CHKD
1	000001	11/16/67	P. J. ...	P. J. ...
2	000002	12/11/67	P. J. ...	P. J. ...
3	000003	12/11/67	P. J. ...	P. J. ...
4	000004	12/11/67	P. J. ...	P. J. ...
5	000005	12/11/67	P. J. ...	P. J. ...
6	000006	12/11/67	P. J. ...	P. J. ...
7	000007	12/11/67	P. J. ...	P. J. ...
8	000008	12/11/67	P. J. ...	P. J. ...

DEC FORM NO. 098 102

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\* USED WITH MP81  
 \* USE 6020 ONLY IF MC81 IS NOT INSTALLED

REV	CHANGE NO.	DATE	BY	CHK
A	1	11/16/67	C. O. H.	
B	1	11/16/67	B. V.	
C	1	11/16/67	C. O. H.	
D	1	11/16/67	C. O. H.	

NOTE:  
 SIGNAL NAMES INDICATE  
 ASSERTED STATES FOR  
 HIGH (H) LEVELS PER DEC  
 STD 054

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'	DATE 11/16/67 DATE 8-11-67 DATE 10-16-67 DATE 10-16-67 DATE 10-16-67	 <b>digital</b> EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
MATERIAL	TITLE <b>SENSE AMPS &amp; INHIBIT DRIVERS</b>	
FINISH	FIRST USED ON E-UA-81-0-0	SIZE CODE <b>DRS 81-0-14</b>
	SCALE SHEET 1 OF 1	NUMBER REV <b>D</b>







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**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS

**ENGINEERING SPECIFICATION**

DATE 11/7/67

TITLE TEMPORARY JUMPERS. REMOVE (EXCEPT AS NOTED) WHEN OPTIONS ARE INSTALLED

REVISIONS

REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE
—	ORIGINATED	4	VAILLAN-COURT	11/14/67	—	—
A	CHANGED PAGE 2	10	VAILLAN-COURT	3/22/68	<i>[Signature]</i>	3/27/68
B	CHANGED PAGE 2	12	VAILLAN-COURT	5/2/68	<i>[Signature]</i>	5/2/68
C	CHANGED PAGE 2	13	J. O'LOUGHLIN	5-15-68	<i>[Signature]</i>	5/15/68
D	CHANGED PAGE 2	81-00009	J. O'LOUGHLIN	8-2-68	<i>[Signature]</i>	9/3/68
E	_____	00013	_____	9-24-68	<i>[Signature]</i>	10/4/68
F	_____	00025	_____	1-6-69	<i>[Signature]</i>	1/9/69
H	_____	00026	_____	1-13-69	<i>[Signature]</i>	1/16/69
J	_____	00028	BOWMAN	1/20/69	<i>[Signature]</i>	1/23/69
K	_____	00047	CZAJKOWSKI	4-30-69	<i>[Signature]</i>	5/1/69
L	_____	00052	_____	5-22-69	<i>[Signature]</i>	5/28/69
M	_____	81-00097	M. ARSENAULT	2-4-70	<i>[Signature]</i>	2/28/70
N	ADDED PAGE 10	81-00105	M. ARSENAULT	7-10-70	<i>[Signature]</i>	7/13/70
P	CORRECT PAGE 4	81-00121	M. ARSENAULT	12-29-71	<i>[Signature]</i>	1/3/72

ENG E. DECASTRO	APPD <i>[Signature]</i>	SIZE A	CODE SP	NUMBER 81-0-23	REV P
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**ENGINEERING SPECIFICATION**

CONTINUATION SHEET

TITLE TEMPORARY JUMPERS—REMOVE WHEN KP8I (POWER FAIL OPTION) IS INSTALLED

COLOR	SIGNAL NAME →	FROM PIN	TO PIN	← SIGNAL NAME
BLUE	STOP OK	E13K1	E13N1	+3 (34)
BLUE	RESTART	E10R2	E10A2	+5 VOLTS
BLUE	RESTART	E12L2	E12C2	GND

**ENGINEERING SPECIFICATION**

CONTINUATION SHEET

TITLE TEMPORARY JUMPERS--REMOVE WHEN KE8I (EXTENDED ARITH. ELEMENT) IS INSTALLED

COLOR	SIGNAL NAME →	FROM PIN	TO PIN	← SIGNAL NAME
BLUE	MQ ENABLE	F39F1	F39C2	GND
BLUE	SC ENABLE	F39F2	F40C2	GND
BLUE	EAE NO SHIFT EN.	F24C1	F24D1	+3 (44)
BLUE	EAE E SET	F23H2	F22L2	+3 (44)
BLUE	EAE ON $\emptyset$	F28R1	F32R1	+3 (48)
BLUE	EAE MEM ENABLE	F31D2	F31V1	+3 (48)
BLUE	B EAE ON	F33P2	F33C2	GND
BLUE	EAE L DISABLE	E28L1	E28C2	GND

SIZE A CODE SP NUMBER 8I-0-23 REV P

**ENGINEERING SPECIFICATION**

CONTINUATION SHEET

TITLE TEMPORARY JUMPERS--REMOVE WHEN DL8I (DATA LINE INTERFACE) IS INSTALLED

COLOR	SIGNAL NAME →	FROM PIN	TO PIN	← SIGNAL NAME
BLUE	TT L DISABLE	C10L1	C10C2	GND
BLUE	TT SHIFT ENABLE	C09F2	C09C2	GND
BLUE	TT CARRY INSERTS	C09S2	C09T1	GND
BLUE	TT CARRY INSERT	D09N1	D09T1	GND
BLUE	TTL DISABLE	D09S2	D08T1	GND
<del>BLUE</del>	<del>TT RIGHT SHIFT EN</del>	<del>C10F1</del>	<del>C10D2</del>	<del>+3 (23)</del>
BLUE	INH D	E09H1	E09U1	+3 (59)
BLUE	INH D	E09H1	E09D1	E09D1
BLUE	E09D1	E09D1	D09P1	STORE
BLUE	STORE	D09P1	C09S1	TT CARRY INSERT
BLUE	TT CARRY INSERT	C09S1	D09R2	S ( $\emptyset$ )
BLUE	S ( $\emptyset$ )	D09R2	C09K2	MEM INH 9-II
BLUE	MEM INH 9-11	C09K2	C09K1	TT SHIFT EN
BLUE	TT SHIFT EN	C09K1	D07C1	C NO, SHIFT
BLUE	TT CYCLE	C10N1	C12V1	+3 (61)
BLUE	TT CYCLE	C10N1	C10C1	TT SET
BLUE	TT SET	C10C1	D10L1	TT INCREMENT
BLUE	TT INCREMENT	D10L1	D09V1	TT AC LOAD
BLUE	TT AC LOAD	D09V1	D09P2	TT INST
BLUE	TT INST	D09P2	D09S1	TT I/O ENABLE
BLUE	TT IO ENABLE	D09S1	C10F1	TT RIGHT SHIFT EN

SIZE A CODE SP NUMBER 8I-0-23 REV P

**ENGINEERING SPECIFICATION**

0191001

CONTINUATION SHEET

TITLE TEMPORARY JUMPERS-REMOVE WHEN MC81 (MEMORY EXTENSION CONTROL) IS INSTALLED

COLOR	SIGNAL NAME →	FROM PIN	TO PIN	← SIGNAL NAME
BLUE	EA2 (1)	H03H2	H03C2	GND
BLUE	A20V1	C12D2	C12C2	GND

SIZE <b>A</b>	CODE SP	NUMBER 8I-0-23	REV P
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SHEET 5 OF 10

**ENGINEERING SPECIFICATION**

0191001

CONTINUATION SHEET

TITLE TEMPORARY JUMPERS-REMOVE WHEN KWSKD/ or E or F (REAL TIME CLOCK) IS INSTALLED

COLOR	SIGNAL NAME →	FROM PIN	TO PIN	← SIGNAL NAME
BLUE	CLK AC CLR	J15K1	F11U1	+3 (69)

SIZE <b>A</b>	CODE SP	NUMBER 8I-0-23	REV P
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SHEET 6 OF 10

# ENGINEERING SPECIFICATION

CONTINUATION SHEET

TITLE TEMPORARY JUMPERS-REMOVE OR ADD AS NOTED WHEN K8I (POSITIVE BUS) IS INSTALLED

COLOR	SIGNAL NAME→	FROM PIN	TO PIN	←SIGNAL NAME	ADD	DEL
BLUE	F12E1	F12T2	F12E1	TIMING CHANGE		X
BLUE	F12E1	F12E1	F12V2	ON M310	X	

SIZE <b>A</b>	CODE SP	NUMBER 8I-0-23	REV P
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SHEET 7 OF 10

# ENGINEERING SPECIFICATION

CONTINUATION SHEET

TITLE TEMPORARY JUMPERS-REMOVE WHEN KT8I (TIME SHARING OPTION) IS INSTALLED

COLOR	SIGNAL NAME→	FROM PIN	TO PIN	←SIGNAL NAME
BLUE	CUF	F11H2	F11U1	+3 (69)
BLUE	UF (Ø)	E13D1	E15M2	+3 (34)
BLUE	ME 5	J13U2	H13P2	+3 (52)
BLUE	UINT	F19N1	F19N2	+3 (43)
BLUE	SKIP (1)	E18U1	B04V1	SKIP ORED

SIZE <b>A</b>	CODE SP	NUMBER 8I-0-23	REV P
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SHEET 8 OF 10

**ENGINEERING SPECIFICATION**

**ORIGINAL**

CONTINUATION SHEET

TITLE TEMPORARY JUMPERS-REMOVE WHEN VC8I (DISPLAY CONTROL) IS INSTALLED

COLOR	SIGNAL NAME →	FROM PIN	TO PIN	← SIGNAL NAME
BLUE	LIGHT PEN OUTPUT	DO3V2	DO3T1	GND

SIZE <b>A</b>	CODE SP	NUMBER 8I-0-23	REV P
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**ENGINEERING SPECIFICATION**

**ORIGINAL**

CONTINUATION SHEET

TITLE Temporary Jumpers-Remove when MP8I (Memory Parity Control) is installed

Color	Signal Name →	From Pin	To Pin ←	Signal Name
Blue	<u>MP INT</u>	J15H2	E15V1	+3 Volts (70)
Blue	<u>MP SKIP</u>	J15D1	F09V1	+3 Volts (71)

SIZE <b>A</b>	CODE SP	NUMBER 8I-0-23	REV P
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BASIC CAB	QTY	CABLE & NUMBER	LENGTH
AF01 TO PT08	6	W031 TO W031 7405552-8	48 IN
AF01 TO AA01A	6	W031 TO W031 7405552-8	48 IN
AF01 TO 0I	6	W031 TO W031 7405552-13	108 IN
AF01 TO DF32	6	W031 TO W031 7405552-9	60 IN
DF32 TO 0I	5/11	W031 TO W031 7405552-13	108 IN
DF32 TO PT08	6	W031 TO W031 7405552-8	48 IN
DF32 TO AA01A	6	W031 TO W031 7405552-8	48 IN
PT08 TO 0I	6	W031 TO W031 7405552-12	96 IN
PT08 TO AA01A	6	W021 TO W021 7005541-5	2 FT
AA01A TO 0I	6	W031 TO W031 7405552-12	96 IN
PP01 TO 0I	1	W033 TO W077 7005792	87 IN
PR01 TO 0I	1	W033 TO W077 7005792	87 IN
VC01 TO 0I	1	CONNECTOR TO W011 7005771	104 IN
VC01 TO 0I	1	CONNECTOR TO W011 7005772	78 IN
PC01 TO 0I	2	W033 TO W077 7005792	87 IN
BASIC CAB TO OPTION CAB	QTY	CABLE & NUMBER	LENGTH
0I TO MM01	5	W011 TO W021 7405556-2	3 FT
0I TO DM01	5/11	W031 TO W031 7405552-0	48 IN
0I TO DF32	5/11	W031 TO W031 7405552-4	120 IN
OPTION CAB	QTY	CABLE & NUMBER	LENGTH
DF32 TO DS32	3	W011 TO W021 7005920-1	4 FT
DM01 TO DF32	5/11	W011 TO W021 7005920-2	8 FT
MM01 TO MM01	5	W033 TO W033 7005770-1	1/4
AF01 IN BASIC CAB TO DF32 IN OPTION CAB	6	W031 TO W031 7405552-8	48 IN

REVISIONS	REV.
CHANGE NO.	
CHK	

UNLESS OTHERWISE SPECIFIED  
 DIMENSION IN INCHES  
 TOLERANCES  
 DECIMALS FRACTIONS ANGLES  
 ± .005 ± 1/64 ± 0°30'  
 FINAL SURFACE QUALITY ✓  
 REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL  
 //

FINISH  
 //

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN: <i>Madden</i> DATE: <i>4/8/68</i> CKD: <i>D. Neely</i> DATE: <i>7/12/68</i> ENG: <i>G. Quinn</i> DATE: <i>4-20-68</i> PROJ. ENG: <i>R. F. Sullivan</i> DATE: <i>3/2/67</i> PROD: <i>B. Sullivan</i> DATE: <i>7/16/68</i>		<b>digital</b> EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small>	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY ✓ REMOVE BURRS AND BREAK SHARP CORNERS		TITLE <b>OPTION CABLE CONNECTORS</b>	
FIRST USED ON D-AR-8I-0-24 D-AR-8I-0-25		SIZE CODE <b>CIC</b>	NUMBER <b>8I-0-29</b>
SCALE SHEET 1 OF 1		REV.	

REV. NUMBER  
**8I-0-29**

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OPTION	AC	+10	-15	-30	+5
81	4.0 AMPS		3.0 AMPS	3 AMPS	7 AMPS
AFB1 CONVERTER	.5 AMPS				
PT00 TELETYPE		2.5 AMPS	300 MA		
DF32 DISC	1.0 AMP	.5 AMPS	2.2 AMPS		
AAB1A CONVERTER	1.0 AMP	.4 AMPS	1.9 AMPS		
VCB1 SCOPE	.75 AMPS				
PC01 READER PUNCH	1.5 AMPS	1.3 AMPS	500 MA	2.0 AMPS	.1 AMP
MM91-B			1.0 AMP	.5 AMP	1.4 AMPS
DM01		20 MA	2.0 AMPS		
PA60A		20 MA	1.0 AMP		
PAG1A		10 MA	3.0 AMPS		
DS32 DISC	1.0 AMP	.3 AMP	1.0 AMPS		
370 LIGHT PEN			700 MA		
TU55	1 AMP	50 MA	1.5 AMPS		
TC58	6 AMPS				
FAN HOUSING #7005474	.49 AMPS				
FAN HOUSING #7404800-1	HOWARD FANS .49 AMPS				
FAN HOUSING #100285-1	MUFFIN FANS .36 AMPS				
CARAVEL FAN	.3 AMPS				
DP01-A	2.24 AMPS	2.2 AMPS	105 MA		
CR03	3 AMPS				
RF08	5.5 AMPS				
RS08	5.5 AMPS				
TC01		300 MA	4 AMPS		
DW08A	1 AMP		600 MA		1 AMP
DW08B			900 MA		1 AMP

D

C

B

A

D

C

B

A

779 P.S. OUTPUT: 7.5 AMPS +10, 8.5 AMPS -15  
 779 P.S. INPUT: 4.2 AMPS AC  
 728 P.S. INPUT: 1.8 AMPS AC

FIRST USED ON OPTION/MODEL 8/I	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS ± .005	FRACTIONS ± 1/64	ANGLES ± 0°30'		
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL	NEXT HIGHER ASSY			
FINISH	A-ML-8/I-0			
SCALE		SHEET		DIST.
+		1 OF 1		
UNLESS OTHERWISE SPECIFIED		PARTS LIST		
DRW	DATE	digital EQUIPMENT CORPORATION		
CHKD.	DATE	MAYNARD, MASSACHUSETTS		
ENG	DATE	TITLE		
PROJ. ENG.	DATE	OPTION POWER REQUIREMENT		
PROB.	DATE	SIZE CODE		
NEXT HIGHER ASSY		NUMBER		REV.
A-ML-8/I-0		CIC 8I-0-28		A

REVISIONS	REV.	A
CHANGE NO.	81-00044	
CHK	ARSNAULT	

REV. A  
 NUMBER 81-0-28  
 SIZE CODE CIC









**PARTS LIST**

**MODIFICATION NO. & QUANTITY**

**REVISIONS**

ITEM NO	DRAWING NO.	DESCRIPTION	MODIFICATION NO. & QUANTITY																							
			PDP8I	MC81A	MC81B	MP81	KE81	DL81	KP81	PR81	PP81	VC81	VP81	KWB1A	KWB1B	KWB1C	KWB1D	KWB1E	KWB1F	KA81	CR81 or CR81A	KT81	VM81	MM81		
		G020 SENSE AMP	6	⊕	⊕	1																				
		G021 SENSE AMP	6	7																						
		G221 MEMORY SELECTOR	8	8	8																					
		G228 INHIBIT DRIVER	5	3	3	1																				
		G624 RESISTOR BOARD	4	3	3																					
		G805 NEGATIVE REGULATOR	1																							
		G826 REGULATOR CONTROL	1																							
		MEMORY STACK DEC#30-05256-1	1	1	⊗	⊗																				
		MEMORY STACK DEC#30-05256-2		1	1																					
		M113 10-2 INPUT NAND GATES	14	9	9	2	10	3																		
		M115 8-3 INPUT NAND GATES	5	2	2	1	6	2																		
		M117 6-4 INPUT NAND GATES	6			2	1																			
		M160 GATE MODULE	7			1																				
		M162 PARITY CIRCUIT				4																				
		M216 6-FLIP-FLOPS	6	4	4	4	1																			
		M220 MAJOR REGISTERS	6			⊕																				
		M310 DELAY LINE	13			1	2																			
		M160 VARIABLE DELAY	1	1	1																					
		M452 VARIABLE CLOCK	1																							
		M506 NEGATIVE INPUT CONVERTER	8																							
		M617 6-4 INPUT NOR BUFFERS	6	5	5	1																				
		M651 NEGATIVE OUTPUT CONVERTER	14																							
		M700 MANUAL TIMING GENERATOR	1																							
		M706 TELETYPE RECEIVER	1																							
		M707 TELETYPE TRANSMITTER	1																							
		M720 MEMORY DETECTION		1	1																					
		M703 POWER FAIL																								
		M7050 READER CONTROL																								
		M715 READER CLOCK																								
		M710 PUNCH CONTROL																								
		M040 SOLENOID DRIVER																								
		M701 DISPLAY CONTROL																								
		A607 10 BIT D-A CONVERTER																								

CHANGE NO	DATE	ENG
H-10 REDRAWN REVISED	3/27/68	HOL
J-12	5-2-68	BU
K-13	5-15-68	BV
L-81-00009	8-26-68	FOL
M-81-00013	9-20-68	FOL
N-81-00015	11-6-68	FOL
P-81-00020	12-2-68	FOL
R-81-00021	12/4/68	FOL
S-81-00024	12/26/68	FOL
T-81-00025	1/19/69	FOL
U-81-00032	3/4/69	FOL
V-81-00034	2/21/69	FOL
W-81-00042	3/19/69	FOL
Y-81-00046	3/4/69	FOL
Z-81-00050	5-16-69	FOL
A-81-00052	5-22-69	FOL
AB-81-00054	6/3/69	FOL
AC-00059	6/12/69	FOL
AD-81-00068	7/1/69	FOL
AE-81-00071	8-26-69	FOL
AF-81-00081	11-4-69	FOL
AH-81-00093	1-29-70	FOL
AJ-81-00096	2-11-70	FOL
AK-81-00099	4-3-70	FOL
AL-81-00107	8-25-70	FOL
AM-81-00110	10-20-70	FOL
AN-81-00115	2-17-71	FOL

NOTES: 1. ⊕ FOR MC81 THE G021 REPLACES THE G020 OF THE PDP8I OR MP81 ARE REPLACED BY THE M516, M661 AND M660 NOTED  
 2. ⊗ FOR MP81 AND MC81B THE MEMORY STACK DEC#30-05256-2 REPLACES DEC#30-05256-1  
 3. Δ FOR KA81 THE M576 AND M650 ARE REPLACED BY THE M516, M661 AND M660 NOTED  
 4. ⊕ FOR DL81 - M220 MODULES MUST BE "B" REV OR LATER

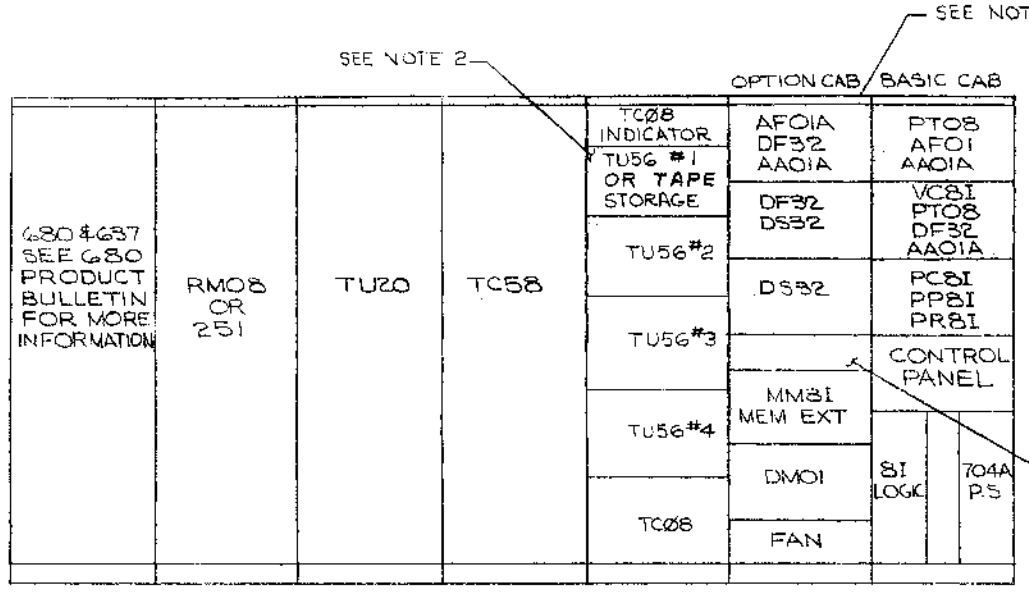
MADE BY R. BERNIER	DATE 8-9-67	TITLE MODULE UTILIZATION	CODE PL	SIZE C	DRAWG. NO. 8I-0-17	REV. LTR A
CHECKED P. DAIGNEAULT	DATE 8-1-67	FOR PDP-8I	ASSY. NO. D-MU-8I-0-17	SHEET 1 OF 2		
ENG R.J. JAMES	DATE 8-21-67					



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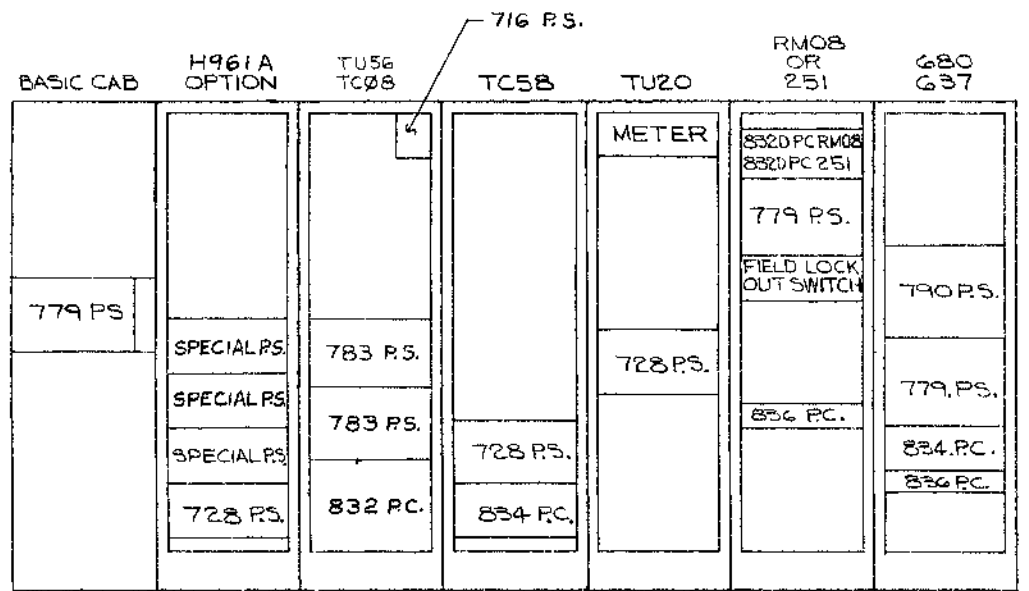
NOTES:  
 1. OPTION CABINET H961A SHALL ALSO INCLUDE PANEL DISTRIBUTION ASSY #D-AD-70054-09-0-0 COVERS C-IA-7405570-0-0 COVER RETAINERS #C-IA-7405570-2-0 (COVERS RETAINERS TO BE USED TO FILL ANY SPACES LEFT BLANK ON FRONT OF OPTION CABINET H961A)  
 2. IF FOUR TU56'S ARE USED, INSTA TAPE STORAGE RACK ELSEWHERE IN THE SYSTEM.

D  
C  
B  
A



EXPANSION OF MM81 OR DS32 OPTIONS UP OR DOWN (MM81'S MUST BE ADJACENT WITH FAN HOUSING, 7405005 BENEATH BOTTOM OF TWO OR MORE UNITS).  
 OPTION CAB WILL TAKE NO MORE THAN 4 DISCS IF DMO1 IS REQ'D 3 DISCS MAX.

FRONT



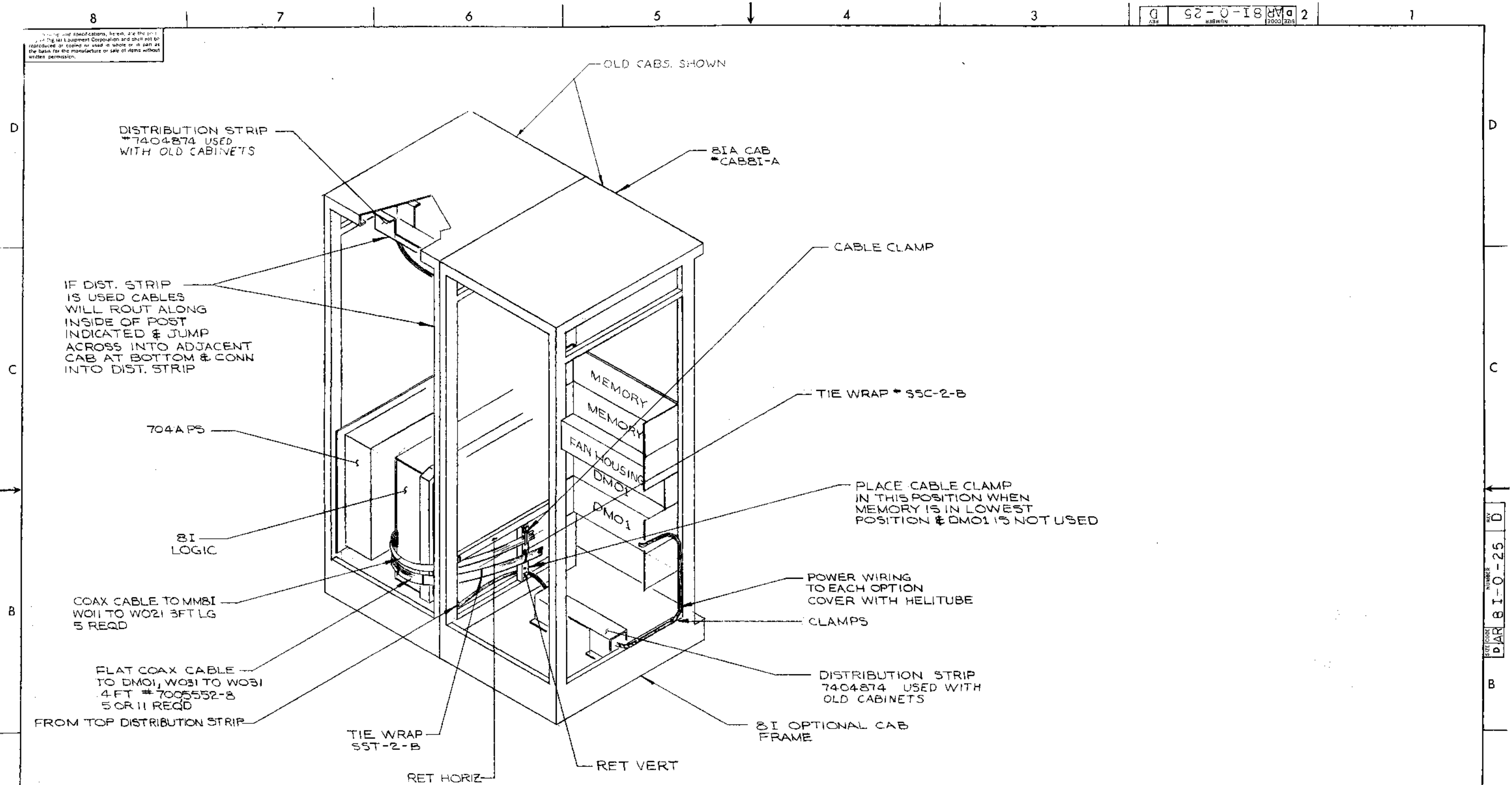
REAR

REV.	CHANGE NO.	REV.
1	81-00014	A
2	81-00024	B
3	81-00098	C
4	81-00106	D

FIRST USED ON OPTION/ MODEL	QTY.	DESCRIPTION	PART NO.
UNLESS OTHERWISE SPECIFIED	DRN	DATE	DATE
UNLESS OTHERWISE SPECIFIED	DATE	DATE	DATE
DIMENSION IN INCHES	DATE	DATE	DATE
TOLERANCES	DATE	DATE	DATE
DECIMALS FRACTIONS ANGLES	DATE	DATE	DATE
= .005 ± 1/64 ± 0°30'	DATE	DATE	DATE
FINAL SURFACE QUALITY / REMOVE BURRS AND BREAK SHARP CORNERS	DATE	DATE	DATE
MATERIAL	DATE	DATE	DATE
FINISH	DATE	DATE	DATE

digital EQUIPMENT CORPORATION  
 SYSTEM CONFIGURATION (81)  
 NUMBER 81-0-25  
 DIST. 16

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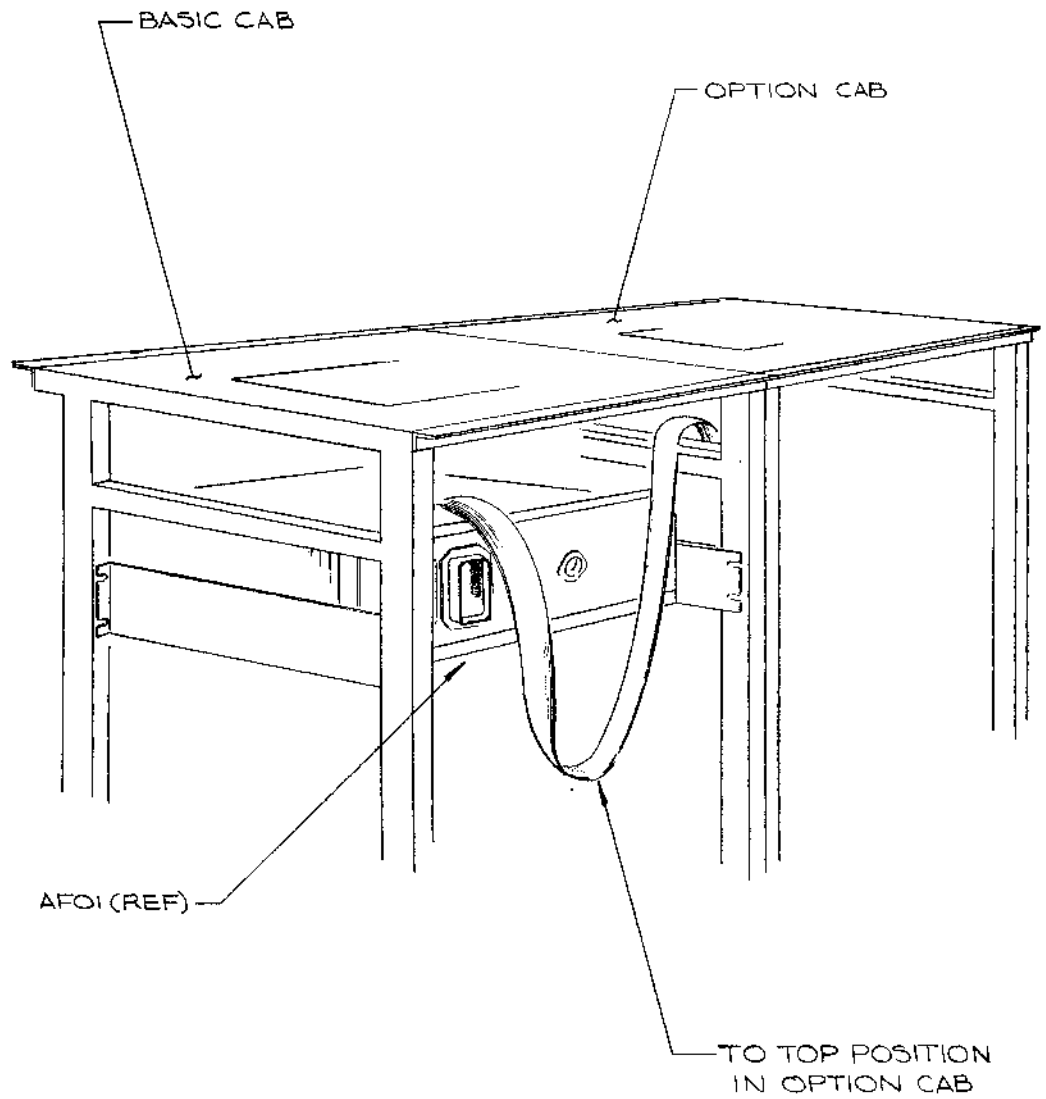
REV.	
CHG. NO.	
REVISIONS	
CHK	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DATE 2/2/68	
UNLESS OTHERWISE SPECIFIED		DATE 2/2/68	
DIMENSION IN INCHES		DATE 2/2/68	
TOLERANCES		DATE 2/2/68	
DECIMALS	FRACTIONS	ANGLES	DATE 2/2/68
± .005	± 1/64	± 0°30'	DATE 2/2/68
FINAL SURFACE QUALITY		DATE 2/2/68	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE 2/2/68	
MATERIAL	FIRST USED ON	DATE 2/2/68	
FINISH	SCALE NONE	DATE 2/2/68	
SHEET 2 OF 4		DATE 2/2/68	
TITLE		DATE 2/2/68	
SYSTEM CONFIGURATION		DATE 2/2/68	
8I		DATE 2/2/68	
SIZE CODE	NUMBER	REV.	
DAR	8I-0-25	D	
DIST. LG			

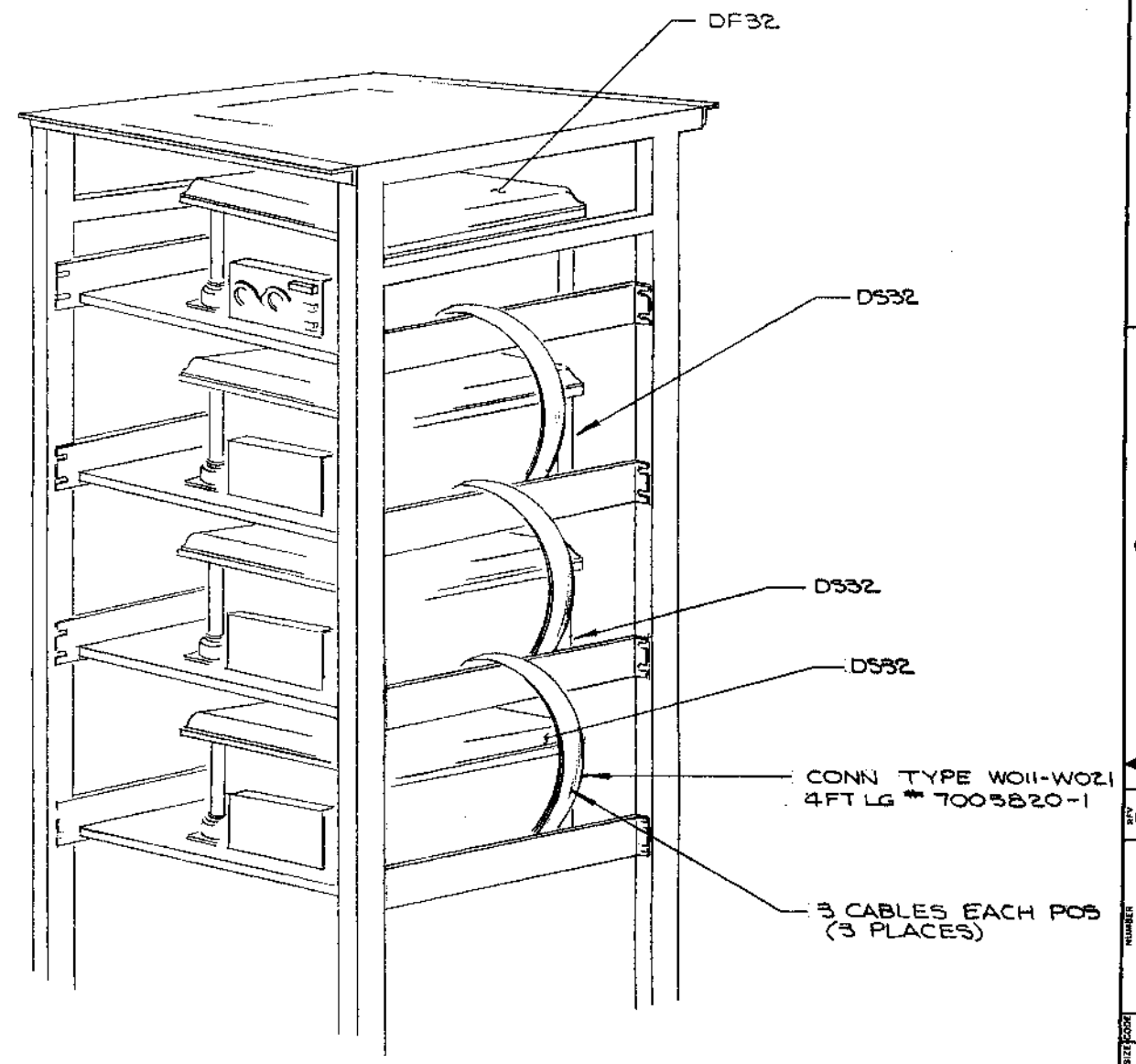
REV. D  
NUMBER 8I-0-25  
SIZE CODE DAR

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02-0-18 2



CABLING FROM TOP POSITION OF BASIC CAB TO TOP POSITION OF OPTION CAB



DF32 & DS32 CABLING

REV	CHG	NO

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DATE	
UNLESS OTHERWISE SPECIFIED		DATE	
DIMENSION IN INCHES		DATE	
TOLERANCES		DATE	
DECIMALS	FRACTIONS	ANGLES	DATE
± .005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		DATE	
		DATE	
FINISH		DATE	
		DATE	
SCALE		DATE	
NONE		DATE	
SHEET		DATE	
3 OF 4		DATE	

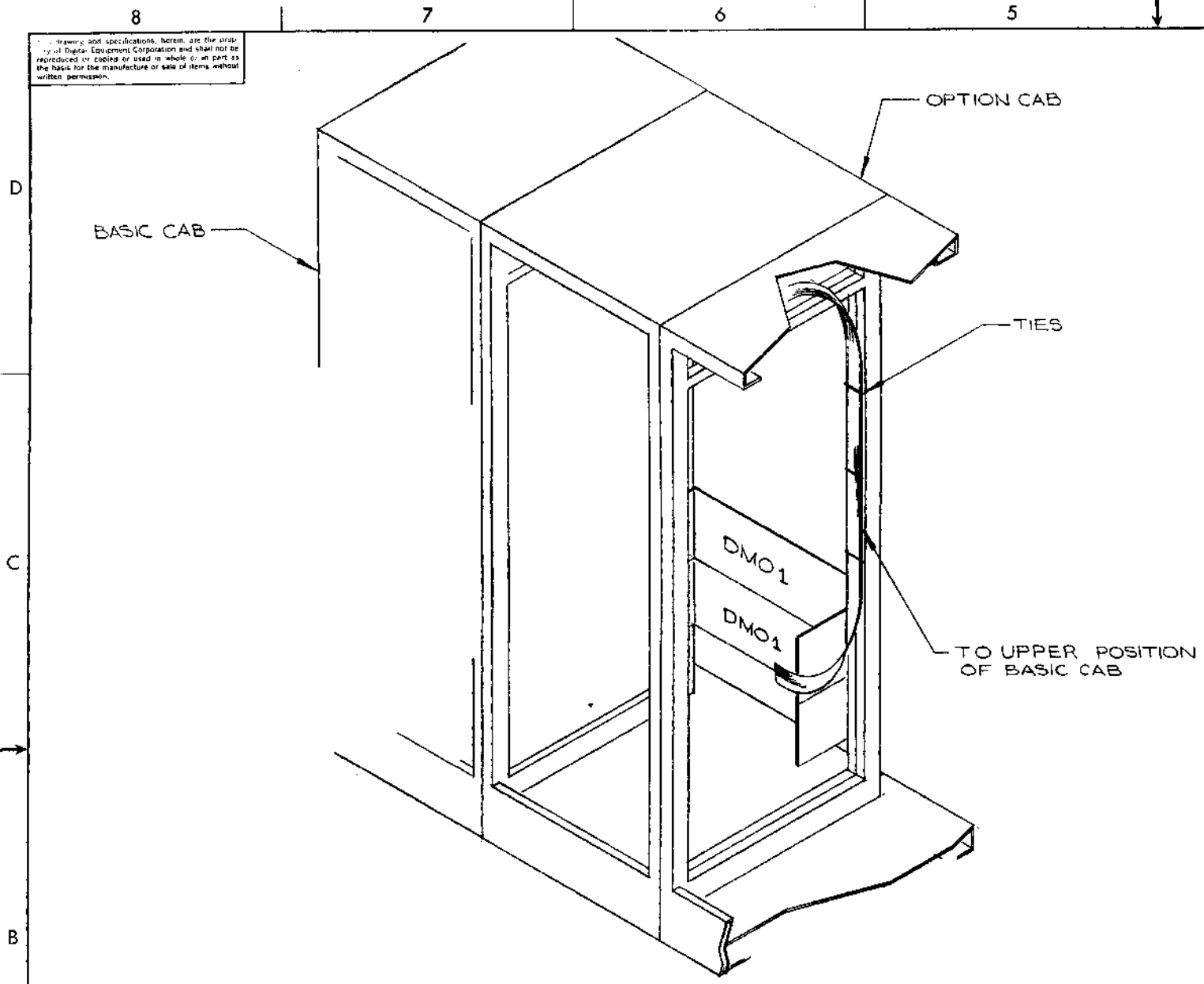
**digital** EQUIPMENT CORPORATION  
MAYNARD MASSACHUSETTS

TITLE  
**SYSTEM CONFIGURATION (8 I)**

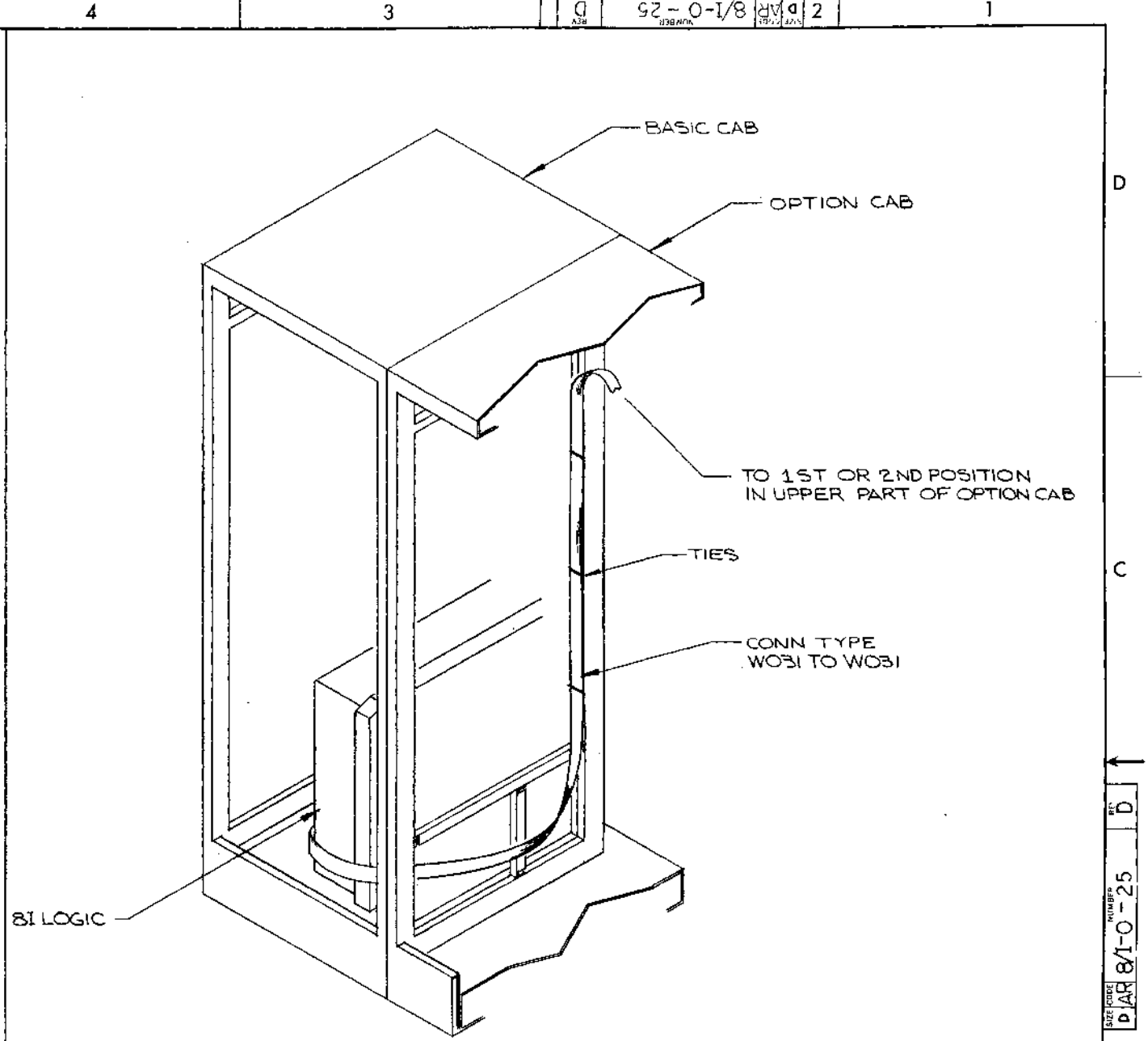
SIZE CODE NUMBER REV  
DAR 8I-0-25 D

PART 8I-0-25

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DMO1 TO OPTIONS  
WHEN USING BASIC & OPTIONAL CAB



BI LOGIC TO UPPER PART  
OF OPTION CAB

REV.	
CHG.	
CHK.	
REVISIONS	
CHANGE NO.	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DRN. <i>J. Macken</i> DATE <i>8/24/68</i>	
TOLERANCES		CHK'D. <i>B. Hoagy</i> DATE <i>9/24/68</i>	
DECIMALS	FRACTIONS	ANGLES	ENG. DATE
± .005	± 1/64	± 0°30'	<i>J. Macken</i> DATE <i>9/24/68</i>
FINAL SURFACE QUALITY		PROL. ENG. DATE	
REMOVE BURRS AND BREAK SHARP CORNERS		<i>B. Hoagy</i> DATE <i>9/24/68</i>	
MATERIAL		PROD. DATE	
FINISH		FIRST USED ON	
		SCALE NONE	
		SHEET 2 OF 4	
		SIZE/CODE	
		NUMBER	
		REV.	
		DAR 81-0-25	
		D	

digital EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

TITLE  
SYSTEM  
CONFIGURATION  
(81)

SIZE/CODE  
DAR 81-0-25

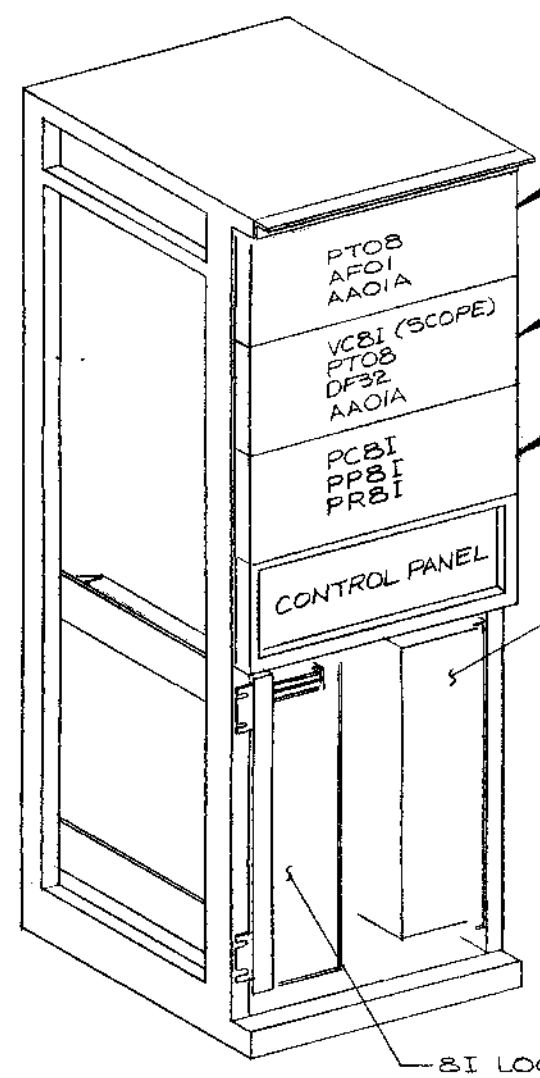
NUMBER  
REV.  
D

SIZE/CODE  
DAR 81-0-25

B

A

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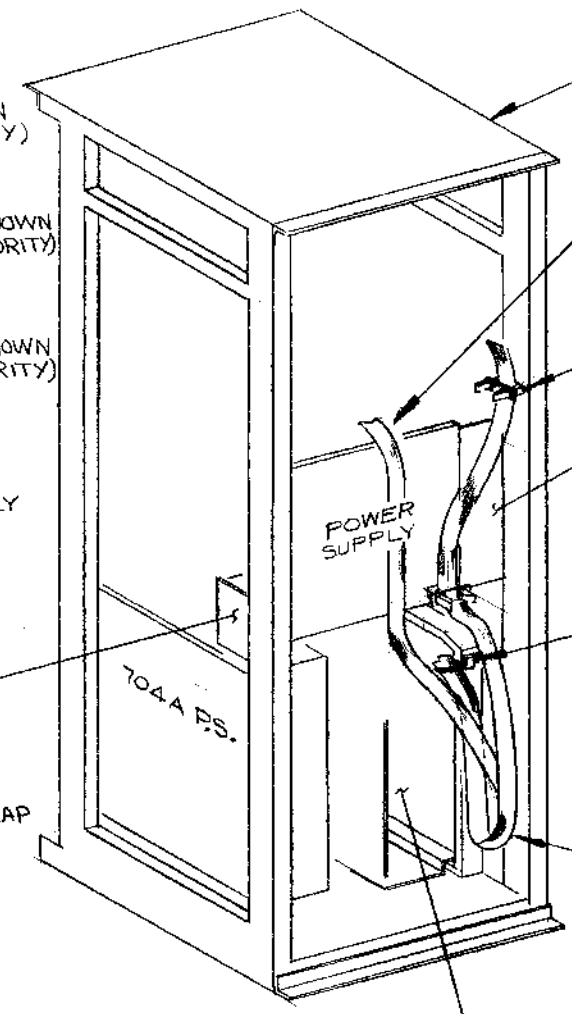


OPTION POSITION #1 (SHOWN IN ORDER OF PRIORITY)

OPTION POSITION #2 (SHOWN IN ORDER OF PRIORITY)

OPTION POSITION #3 (SHOWN IN ORDER OF PRIORITY)

TRANSFORMER #1725 (USED WITH 50 HZ DF32 DEC#1602583 WHEN MTG USE RETAINER TRANS STRAP #7406378 & RETAINER, TRANS #7406407 TRANSFORMER MTG USED IN NEW CAB IS 7406781



OLD CAB SHOWN

CABLES FROM PCBI, PPBI, PRBI BYPASS DAKOTA CLAMP LOOP & GO TO 8I THROUGH TIE WRAP

DAKOTA CLAMP #2C1-100 CABLES SHOULD BE FREE TO SLIDE THROUGH CLAMPS

EXTENDER #74064-14 USED WITH 779 PS EXTENDER NOT REQUIRED IN H950 CAB WHEN 799 POWER SUPPLY IS USED

TIE WRAP #SSC-2-B

LOOP

FRONT

REAR

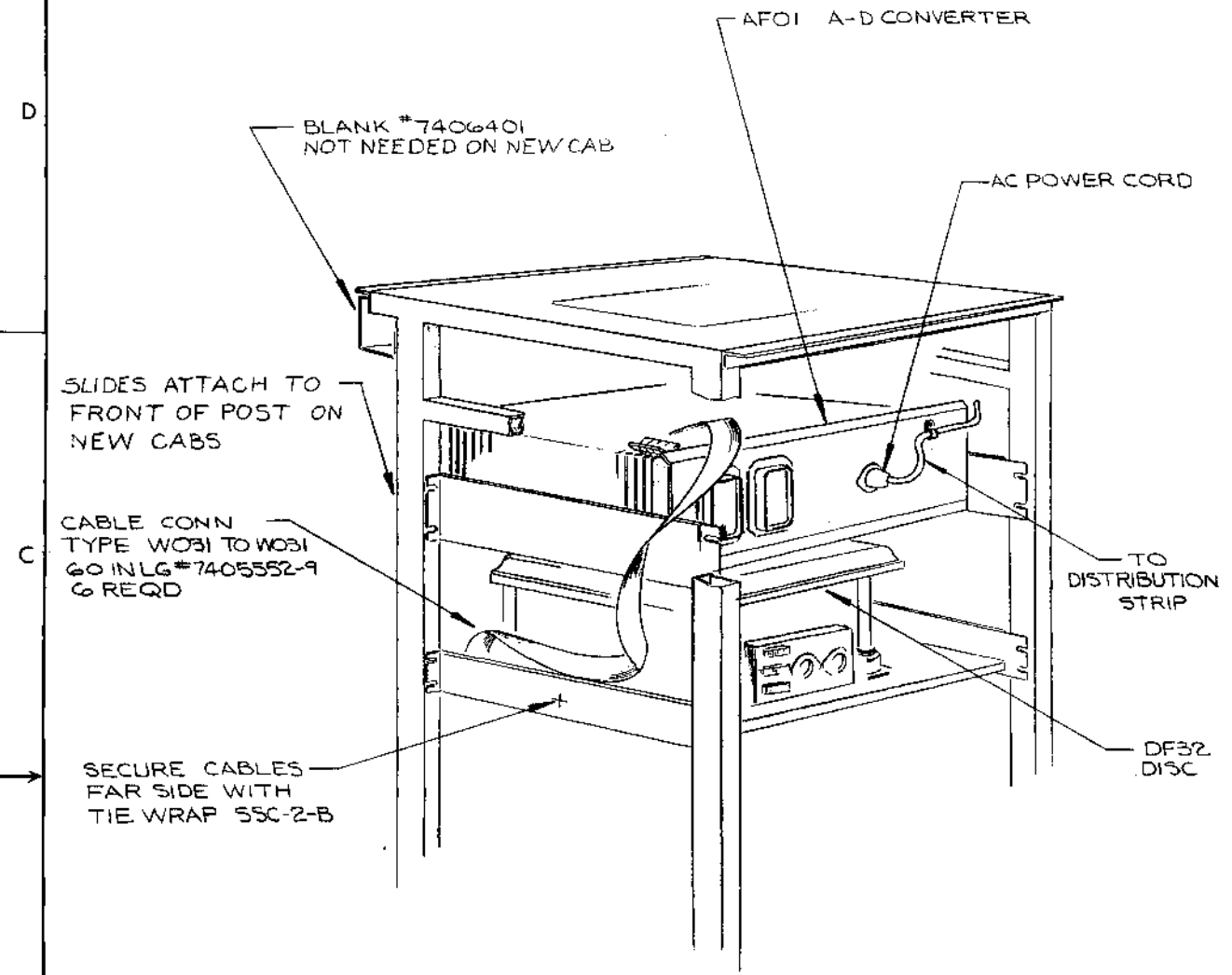
REV.	CHG. NO.	DATE	BY
A	81-00014		
B	81-00018		

OLOUGLIN  
G. WHIPPS

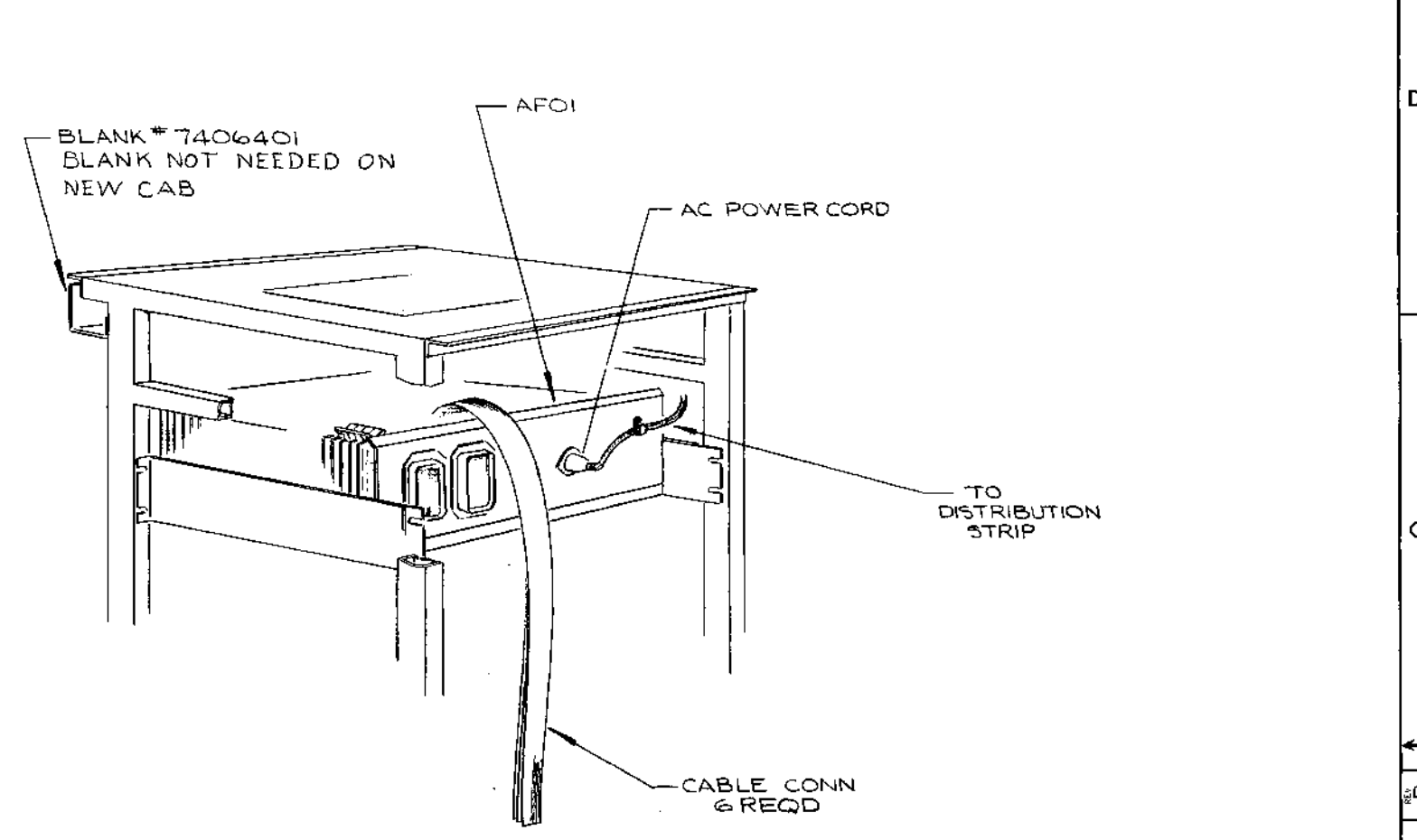
FIRST USED ON OPTION MODEL 81	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES				
DECIMALS FRACTIONS ANGLES				
± .005 ± 1/64 ± 0°30'				
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL	FINISH	SCALE	NUMBER	REV.
---	---	NOT TO SCALE	81-0-24	B
SHEET OF 4		DIA 81-0-24		



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AFOI TO DF32



AFOI TO PTO8 OR AAOIA OR 8I  
 AFOI TO PTO8 OR AAOIA W031 TO W031  
 48 IN LG #7405552-8  
 AFOI TO 8I W031 TO W031 108 IN LG #7405552-13

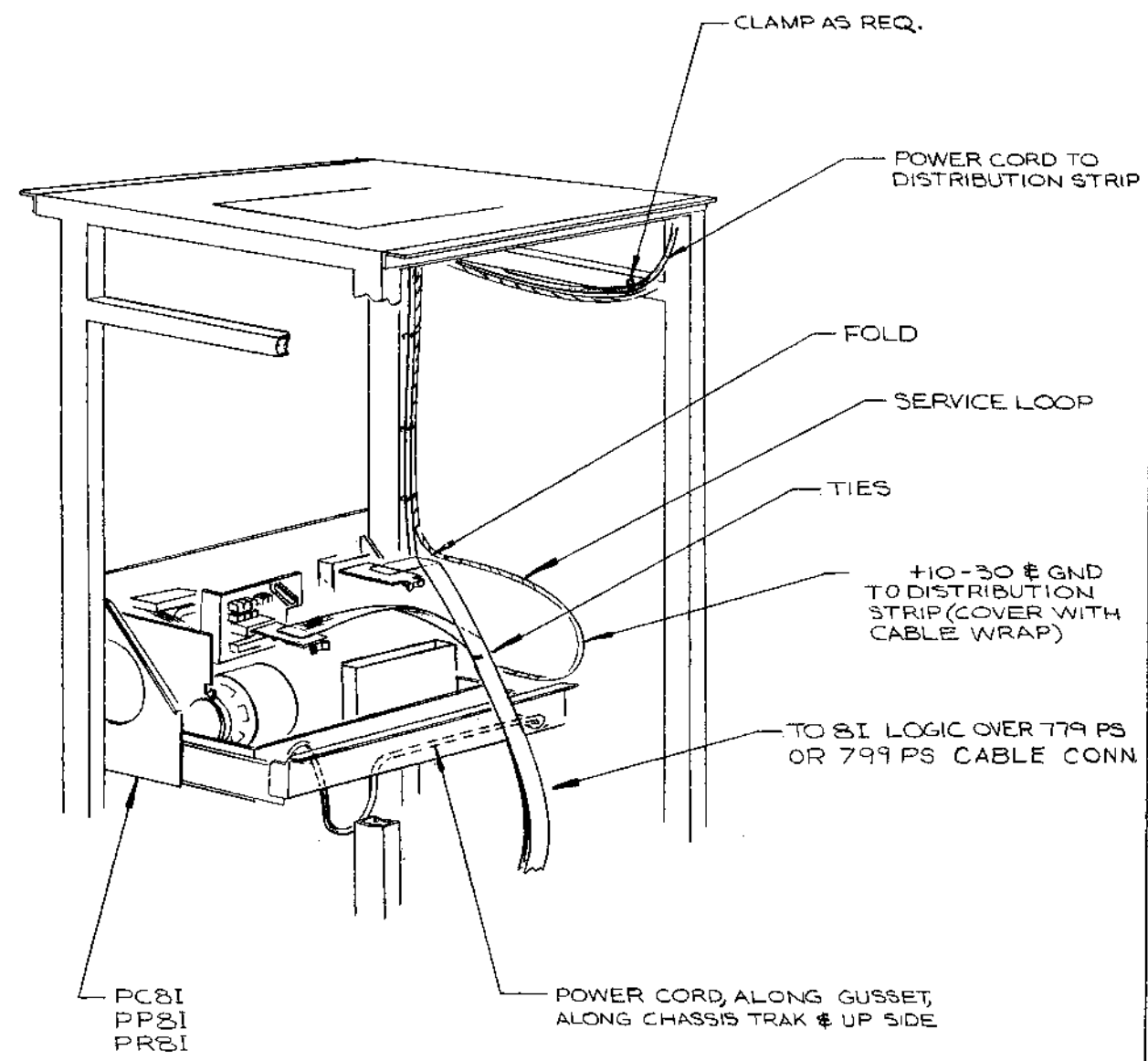
REV	NO
CHK	

UNLESS OTHERWISE SPECIFIED  
 DIMENSION IN INCHES  
 TOLERANCES  
 DECIMALS FRACTIONS ANGLES  
 ± .005 ± 1/64 ± 0°30'  
 FINAL SURFACE QUALITY  
 REMOVE BURRS AND BREAK SHARP CORNERS  
 MATERIAL  
 FINISH

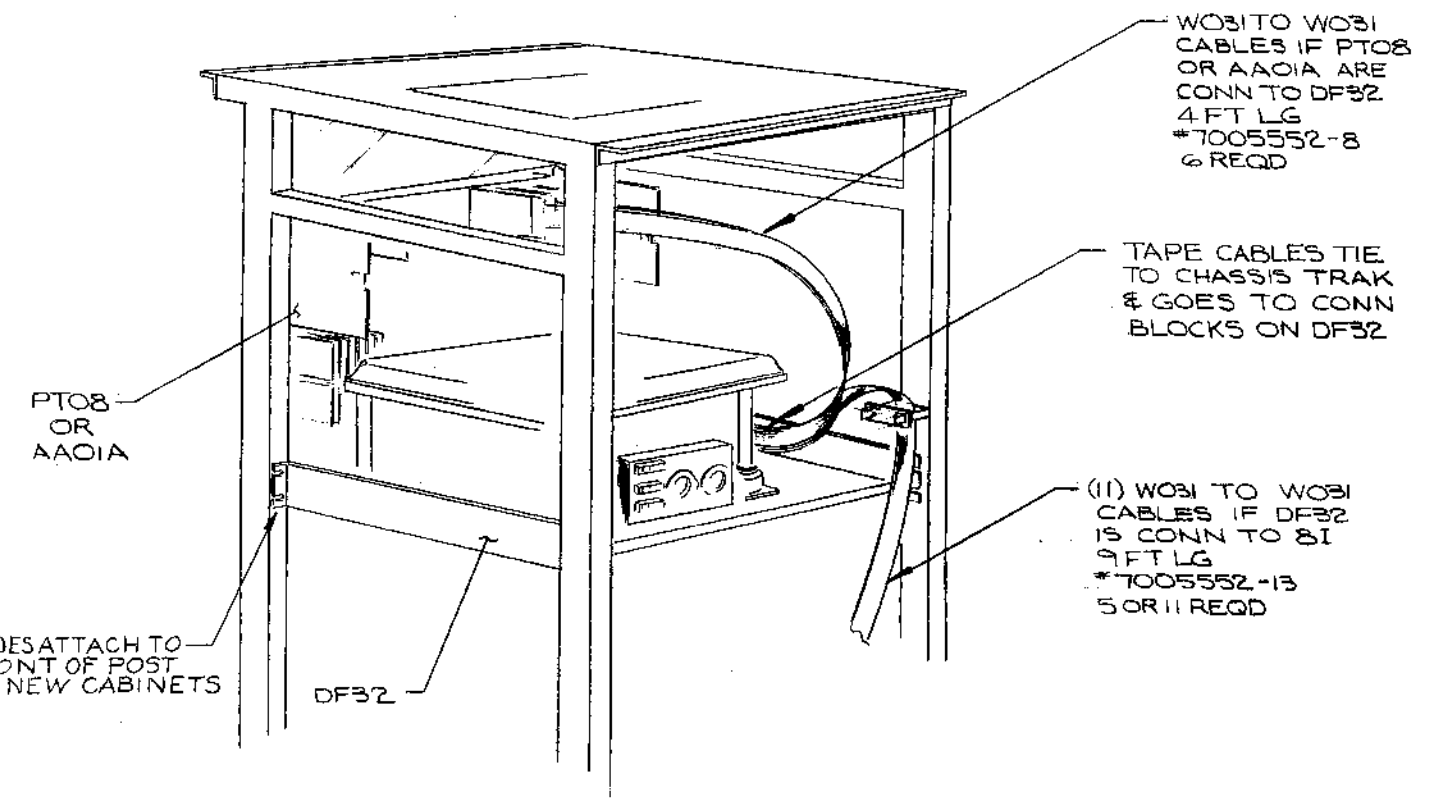
DRN: *Madden* DATE: *3/16/68*  
 ENGR: *W. Neely* DATE: *3/24/68*  
 PROJ. ENGR: *W. Neely* DATE: *3/24/68*  
 DESIGNED: *P. Sullivan* DATE: *3/14/68*  
 FIRST USED ON:   
 SCALE: NONE  
 SHEET: 2 OF 4

PARTS LIST		<b>digital</b> EQUIPMENT CORPORATION LITTLETON, MASSACHUSETTS
QTY.	DESCRIPTION	
		TITLE: BASIC CAB 8/I CONFIGURATION SIZE CODE: D AR 81-0-24 NUMBER: 8 REV: 8

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PC8I, PP8I OR PR8I TO 8I



PT08 OR AAOIA TO DF32  
DF32 TO 8I

REV	
CHG	
CHK	

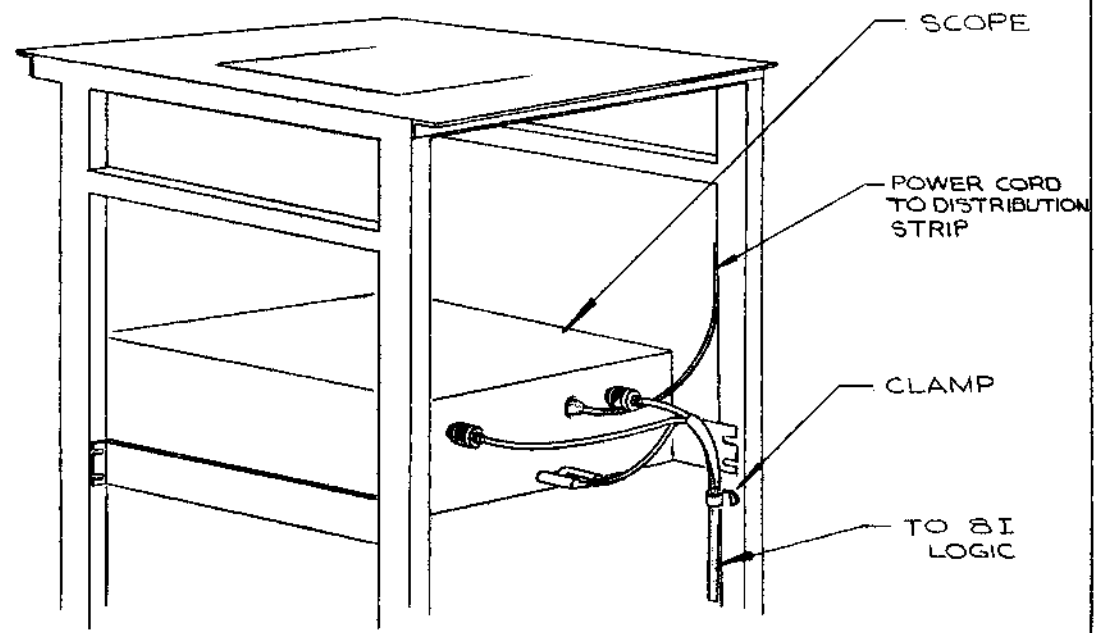
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		BURN: <i>M. M. M.</i> DATE: <i>9/12/68</i> DRG: <i>Acad</i> DATE: <i>4/29/68</i> ENG: <i>Gallop</i> DATE: <i>5-2-68</i> PROJ. ENG. DATE: <i>5/2/68</i> PROD. DATE: <i>5/1/68</i>	
UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	
MATERIAL		FIRST USED ON	
FINISH		SCALE: NONE	
SHEET 3 of 4		SIZE CODE: D I A R NUMBER: 81-0-24 REV: B DIST: 16	

**digital** EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS  
TITLE: BASIC CAB 8/I CONFIGURATION

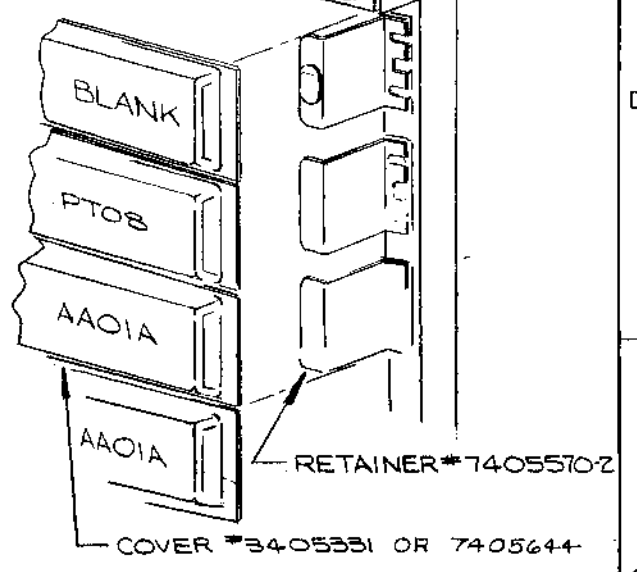
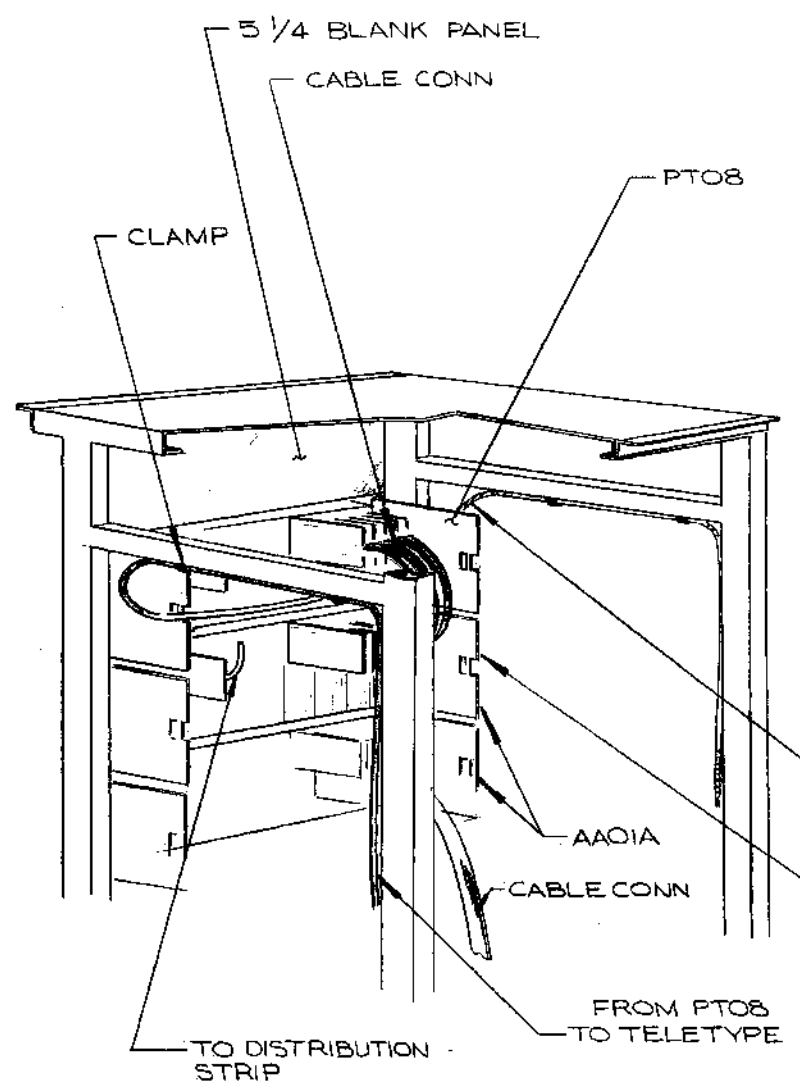
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SIZE CODE D AR 81-0-24 NUMBER 2

D  
C  
B  
A



VC8I, VC8IA



FRONT VIEW OF CAB

TO DISTRIBUTION STRIP FROM TERM STRIP ON SIDE OF MTG PANEL  
IF PT08 & AAOIA OPTIONS ARE USED SEPARATELY CABLE CONNECTORS WILL GO DIRECTLY TO 8I

D  
C  
B  
A

PT08 TO AAOIA - W021-W021-18" LG COAX\* 7405541-5 (6 REQD)  
PT08 TO 8I - W031 TO W031-96" LG FLEX PRINT\* 7405552-12 (6 REQD)  
AAOIA TO 8I - W031 TO W031-96" LG FLEX PRINT\* 7405552-12 (6 REQD)

REVISIONS  
CHG  
CHARGE NO.  
REV.

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		DATE 4/12/68 DATE 4/27/68 DATE 8/27/68 DATE 5/26/68 DATE DATE DATE	
MATERIAL //		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE BASIC CAB 8/I CONFIGURATION	
FINISH //		SCALE NONE SHEET 4 OF 4 SIZE CODE D AR 81-0-24 NUMBER REV. B	

DIG 1281176  
895 (1/7)



8 7 6 5 4 3 2 1



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SIGNAL NAME	FROM PIN	TO PIN	COLOR	REMARKS
GND	A03J1	C02C2	BLK	
GND	A03K1	C03C2		
GND	A03L1	D02C2		
GND	A03M1	D03C2		
GND	B03D1	E02C2		
GND	B03E1	E03C2		
GND	B03F1	F02C2		
GND	B03H1	F03C2		
GND	B03J1	H02C2		
GND	B03K1	H03C2		
GND	B03L1	J02C2		
GND	B03M1	J03C2	BLK	
+5V	A03D2	A02A2	RED	
+5V	A03E2	A03A2		
+5V	A03F2	B02A2		
+5V	A03H2	B03A2		
+5V	A03J2	C02A2		
+5V	A03K2	C03A2		
+5V	A03L2	D02A2		
+5V	A03M2	D03A2		
+5V	A03N2	E02A2		
+5V	A03P2	E03A2		
+5V	A03R2	F02A2		
+5V	A03S2	F03A2	RED	

SIGNAL NAME	FROM PIN	TO PIN	COLOR	REMARKS
+5V	B03D2	H02A2	RED	
+5V	B03E2	H03A2		
+5V	B03F2	J02A2		
+5V	B03H2	J03A2	RED	
-15V	B03L2	A02B2	BLUE	
-15V	B03M2	A03B2		
-15V	B03N2	B02B2		
-15V	B03P2	B03B2		
-15V	B03R2	H02B2		
-15V	B03S2	H03B2		
-15V	B03T2	J02B2		
-15V	B03U2	J03B2	BLUE	
GND	A02T1	A03U1	BLK	
GND	A03U1	A03V1		
GND	A03V1	A04T1		
GND	B02T1	B03U1		
GND	B03U1	B03V1		
GND	B03V1	B04T1	BLK	
	B03K2	C02B2	BLUE	


\*NOTE: ALL WIRES TO BE INSTALLED WITH 24 GAUGE A.W.G. +5 IN RED, -15 IN BLUE, AND GND. IN BLACK. A SPECIAL CHUCK TO BE USED FOR #24 WIRE AND 30 GAUGE PINS.

REVISIONS				DRN. I. T.	DATE 1/68	
REV.	DATE	CHG. NO.	APP'D.	CHK'D.	DATE	
ORIG. #6:1/25/68						
A: 3-6-68		9	OV			
TITLE				GENERAL WIRING SHEET		
FOR POWER WIRES				FOR POWER WIRES		
FIRST USED ON				FIRST USED ON		
SCALE				SIZE	CODE	NUMBER
SHEET 1 OF 2				A	WL	8I-0-26
DIST.				REV. A		

REVISIONS				DRN. I. T.	DATE 1/68	
REV.	DATE	CHG. NO.	APP'D.	CHK'D.	DATE	
TITLE				GENERAL WIRING SHEET		
FOR POWER WIRES				FOR POWER WIRES		
FIRST USED ON				FIRST USED ON		
SCALE				SIZE	CODE	NUMBER
SHEET 2 OF 2				A	WL	8I-0-26
DIST.				REV. A		


DRWG NO	REVLTR
K-WL-8I-0-18.	BJ

REVISIONS			
REV LTR	ECO NO	DATE	ENG
AY	8I-00081	11-3-69	MEA
REVISED #	REDRAWN		
AZ	8I-00084	11-25-69	MEC
BA	8I-00085	12-5-69	MEC
BB	8I-00086	12-10-69	MEC
BC	8I-00093	1-27-70	JP
BD	8I-00100	4-21-70	MEC
BE	8I-00107	8-26-70	MEC
BF	8I-00114	1-18-71	MEC
BH	8I-00116	3-10-71	MEC
BJ	8I-00119	9-16-71	MEC


DRAWN	DATE	 <b>digital</b> <b>EQUIPMENT CORPORATION</b> <small>MAYNARD, MASSACHUSETTS</small>	TITLE		WIRE LIST		
CHECKED	DATE				PDP 8/I		
ENG	DATE		FOR		TAPE #		FILE *
PROJ. ENG	DATE		ASSY NO	SIZE	CODE	DWG. NO.	REV LTR
PROD	DATE		E-UA-8I-0-0	K	WL	8I-0-18	BJ
			SCALE	SHEET	OF	DIST.	
R. AMES	8-21-67						
R. AMES	8-21-67						
R. AMES	8-21-67						

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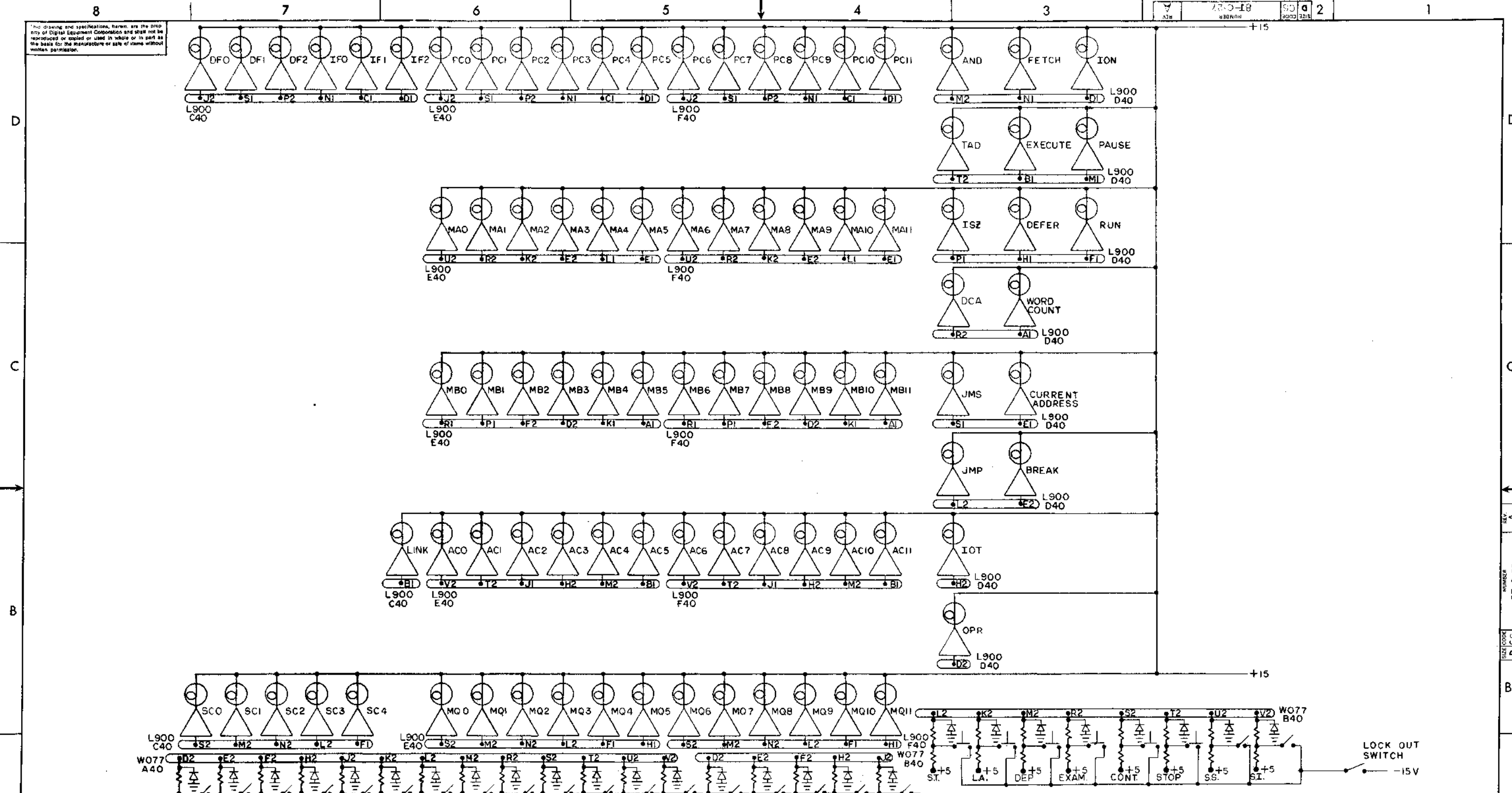
SIGNAL NAME	FROM PIN	TO PIN	COLOR	REMARKS
	*A30D2	A34S2	RED	TWP
	A30E2	A34T2	WHITE	
	A30F2	A29S2	RED	TWP
	A30H2	A29T2	WHITE	
	A31D2	A34C2	RED	TWP
	A31E2	A34D2	WHITE	
	A31F2	A29C2	RED	TWP
	A31H2	A29D2	WHITE	
	A31L1	A34E2	RED	TWP
	A31M1	A34F2	WHITE	
	A31N1	A29E2	RED	TWP
	A31P1	A29F2	WHITE	
	A32D2	A34H2	RED	TWP
	A32E2	A34J2	WHITE	
	A32F2	A29H2	RED	TWP
	A32H2	A29J2	WHITE	
	A32L1	A34K2	RED	TWP
	A32M1	A34L2	WHITE	
	A32N1	A29K2	RED	TWP
	A32P1	A29L2	WHITE	
	A33D2	A34M2	RED	TWP
	A33E2	A34N2	WHITE	
	A33F2	A29M2	RED	TWP
	A33H2	A29N2	WHITE	
	A33L1	A34P2	RED	TWP
	A33M1	A34R2	WHITE	

REVISIONS				DRN. B. VIDITO	DATE 12/2/68	 MAYNARD, MASSACHUSETTS	TITLE <b>GENERAL WIRING SHEET</b> FOR TWISTED PAIR	SIZE CODE <b>A WL</b>	NUMBER 81-0-31	REV.
REV.	DATE	CHG. NO.	APP'D.	CHK'D.	DATE					
-	12/2/68	81-00022	ORIG	<i>[Signature]</i>	12/2/68					
				ENG.	DATE					
				PROJ. ENG.	DATE					
				PROD.	DATE					
FIRST USED ON										
SCALE										
SHEET 1 OF 2						DIST.				

SIGNAL NAME	FROM PIN	TO PIN	COLOR	REMARKS
	A33N1	A29P2	RED	TWP
	A33P1	A29R2	WHITE	
	B31D2	B34C2	RED	TWP
	B31E2	B34D2	WHITE	
	B31F2	B29C2	RED	TWP
	B31H2	B29D2	WHITE	
	B31L1	B34E2	RED	TWP
	B31M1	B34F2	WHITE	
	B31N1	B29E2	RED	TWP
	B31P1	B29F2	WHITE	
	B32D2	B34H2	RED	TWP
	B32E2	B34J2	WHITE	
	B32F2	B29H2	RED	TWP
	B32H2	B29J2	WHITE	
	B32L1	B34K2	RED	TWP
	B32M1	B34L2	WHITE	
	B32N1	B29K2	RED	TWP
	B32P1	B29L2	WHITE	
	B33D2	B34M2	RED	TWP
	B33E2	B34N2	WHITE	
	B33F2	B29M2	RED	TWP
	B33H2	B29N2	WHITE	
	B33L1	B34P2	RED	TWP
	B33M1	B34R2	WHITE	
	B33N1	B29P2	RED	TWP
	B33P1	B29R2	WHITE	

REVISIONS				DRN. B. VIDITO	DATE 12/2/68	 MAYNARD, MASSACHUSETTS	TITLE <b>GENERAL WIRING SHEET</b> FOR TWISTED PAIR	SIZE CODE <b>A WL</b>	NUMBER 81-0-31	REV.
REV.	DATE	CHG. NO.	APP'D.	CHK'D.	DATE					
				ENG.	DATE					
				PROJ. ENG.	DATE					
				PROD.	DATE					
FIRST USED ON										
SCALE										
SHEET 2 OF 2						DIST.				

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REV.	CHANGE NO.	DATE
1	81-00026	11/16/67
2		11/16/67

J. O'LOUGHLIN  
 J. O'LOUGHLIN  
 J. O'LOUGHLIN

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
<b>digital</b> CORPORATION MAYNARD, MASSACHUSETTS			
TITLE <b>PDP 8I CONSOLE SWITCHES &amp; INDICATORS</b>			
UNLESS OTHERWISE SPECIFIED		DATE 2-2-68	
DIMENSION IN INCHES		DATE 2-21-68	
TOLERANCES		DATE 2-22-68	
DECIMALS FRACTIONS ANGLES		DATE 2-22-68	
= .006 ± 1/64 ± 0°30'		DATE 2-22-68	
FINAL SURFACE QUALITY		DATE 2-22-68	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE 2-22-68	
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
SIZE CODE		NUMBER	
DCS		81-0-27	
DIST.		REV.	
		A	





**ENGINEERING SPECIFICATION**

CONTINUATION SHEET

TITLE PDP-8/I ACCEPTANCE PROCEDURE

Module Schematic Shipping List

Print/Module No.

G020  
G021  
G221  
G228  
G624  
G792  
G805  
G813  
G826  
M113  
M115  
M117  
M160  
M216  
M220  
M310  
M360  
M452  
M506  
M617  
M650  
M700  
M706  
M707  
W900  
5404515  
5404517  
5404519

Tape & Writeup Shipping List

Instruction Test I ...	Maindec-8I-D01A-D	1/22/68
...	8I-D01A-PB	1/22/68
Instruction Test II ..	Maindec-8I-D02A-D	1/22/68
..	8I-D02A-PB	1/22/68
Instruction Test Part 2B	Maindec-08-D02B-D	1/3/68
	08-D02B-PB	1/3/68
Random JMP Test ...	Maindec-08-D04B-D	2/8/68
	08-D04B-PB	2/8/68
Random JMP-JMS Test ..	Maindec-08-D05B-D	12/28/67
	08-D05B-PB	12/28/67
Random ISZ Test ...	Maindec-08-D07B-D	12/26/67
	08-D07B-PB	12/26/67

SIZE	CODE	NUMBER	REV
A	SP	8I-0-30	

SHEET 3 OF 4

**ENGINEERING SPECIFICATION**

CONTINUATION SHEET

TITLE PDP-8/I ACCEPTANCE PROCEDURE

Basic Checkerboard ...	Maindec-08-D1J0	
...	(Low) D1J1-PB	
...	(High) D1J2-PB	
Memory Address Test ..	Maindec-08-D1B0-D	1/12/68
...	(Low) 08-D1B1-PB	1/12/68
...	(High) 08-D1B1-PB	1/12/68
Family of '8 ASR-33		
Reader ...	Maindec-08-D2PA-D-(L)	2/23/68
...	08-D2PA-PB(L)	2/23/68
Test Tape Binary Count Pattern	08-D2G3-PB(L)	2/23/68
Family of '8 ASR-33		
Punch Test ...	Maindec-08-D2QA-D-(L)	2/21/68
Punch ...	08-D2QA-PB(L)	2/21/68
Family of '8 ASR-33		
Keyboard Test ...	Maindec-08-D2RA-D-(L)	2/21/68
...	08-D2RA-PB(L)	2/21/68
Printer Test ...	Maindec-08-D2SA-D-(L)	2/21/68
...	08-D2SA-PB(L)	2/21/68
Family of '8 ASR-33 Reader		
Printer, Punch Test ..	Maindec-08-D2TA-D	
...	08-D2TA-PB	
Memory Power ON/OFF Test		
	Maindec-08-D1AA-D	
...	08-D1AA-PB	

SIZE	CODE	NUMBER	REV
A	SP	8I-0-30	

SHEET 4 OF 4

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NOTES:  
1. REFER TO PRINT "D-MD-5008048-0-0 FOR BOARD SIZE AND HOLE LOCATION.

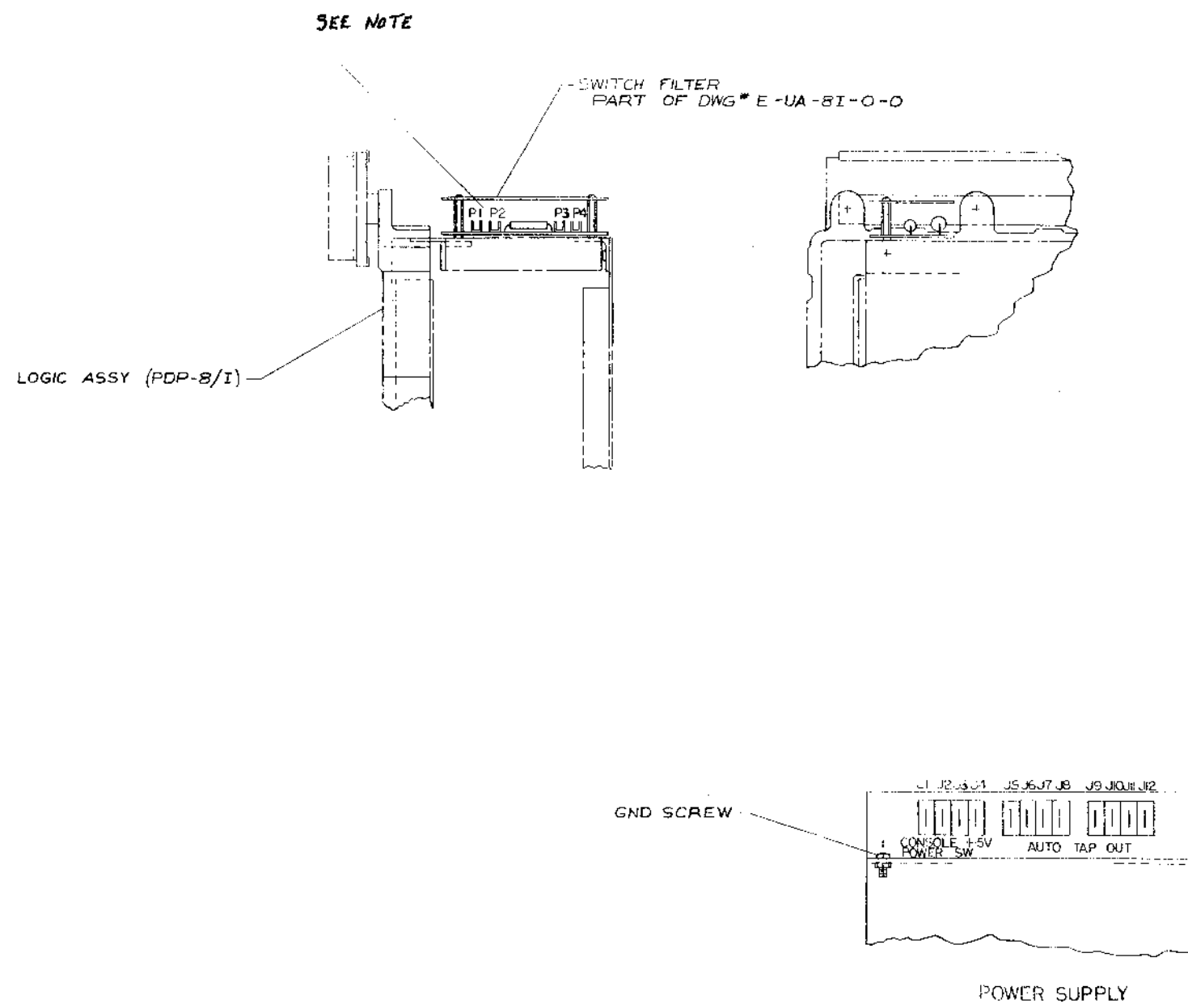
BOARD NO.	5008048-1	5008048-2	5008048-3	5008048-4	5008048-5	5008048-6	5008048-7		
MODEL NO.	E012	E013	E014	E015	E016	E017	E018		
ASSY NO.	5408037	5408038	5408039	5408040	5408041	5408042	5408043		
BOARD LOC	AB 1-20	AB 21-40	CD 1-20	CD 21-40	EF 1-20	EF 21-40	HJ 1-20		
REV LTR	ECO NO.	REV LTR	ECO NO.	REV LTR	ECO NO.	REV LTR	ECO NO.	REV LTR	ECO NO.
B	I3	B	I3	B	I3	B	I3	B	I3
C	8I-00008	C	8I-00008	C	8I-00008	C	8I-00008	C	8I-00008
D	8I-00013	D	8I-00013	D	8I-00013	D	8I-00013	D	8I-00013
E	8I-00025	E	8I-00015	E	8I-00025	E	8I-00015	E	8I-00025
F	8I-00032	F	8I-00022	F	8I-00025	F	8I-00025	F	8I-00050
H	8I-00052	H	8I-00025	H	8I-00029	H	8I-00050	H	8I-00081
						J	8I-00054		
						K	8I-00085		

REV	CHANGE NO.	REV
1	ORIG. 8I-00015	A
2	8I-00022	B
3	OLOUGHAN	C
4	8I-00025	D
5	OLOUGHAN	E
6	8I-00029	F
7	ARSENault	G
8	8I-00032	H
9	ARSENault	I
10	8I-00050	J
11	ARSENault	K
12	00054	L
13	ARSENault	M
14	8I-00081	N
15	ARSENault	O
16	8I-00085	P
17	ARSENault	Q
18	ARSENault	R
19	ARSENault	S
20	ARSENault	T
21	ARSENault	U
22	ARSENault	V
23	ARSENault	W
24	ARSENault	X
25	ARSENault	Y
26	ARSENault	Z

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
8/I				
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS	FRACTIONS	ANGLES		
= .005	= 1/64	= 0°30'		
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL	NEXT HIGHER ASSY			
	A-ML-8I-0			
FINISH	SCALE	SHEET	OF	REV.
	1/1	1	1	J
PARTS LIST		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
TITLE		8/I PC BACK PANEL KIT		
SIZE CODE		NUMBER		
DIBL7006021-0-0		DIBL7006021-0-0		
DIST.		REV.		
G		J		

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NOTES:  
 1. CONNECT P1 & P2 TO PANEL LOCK SWITCH. USE #18 AWG RED WIRE.

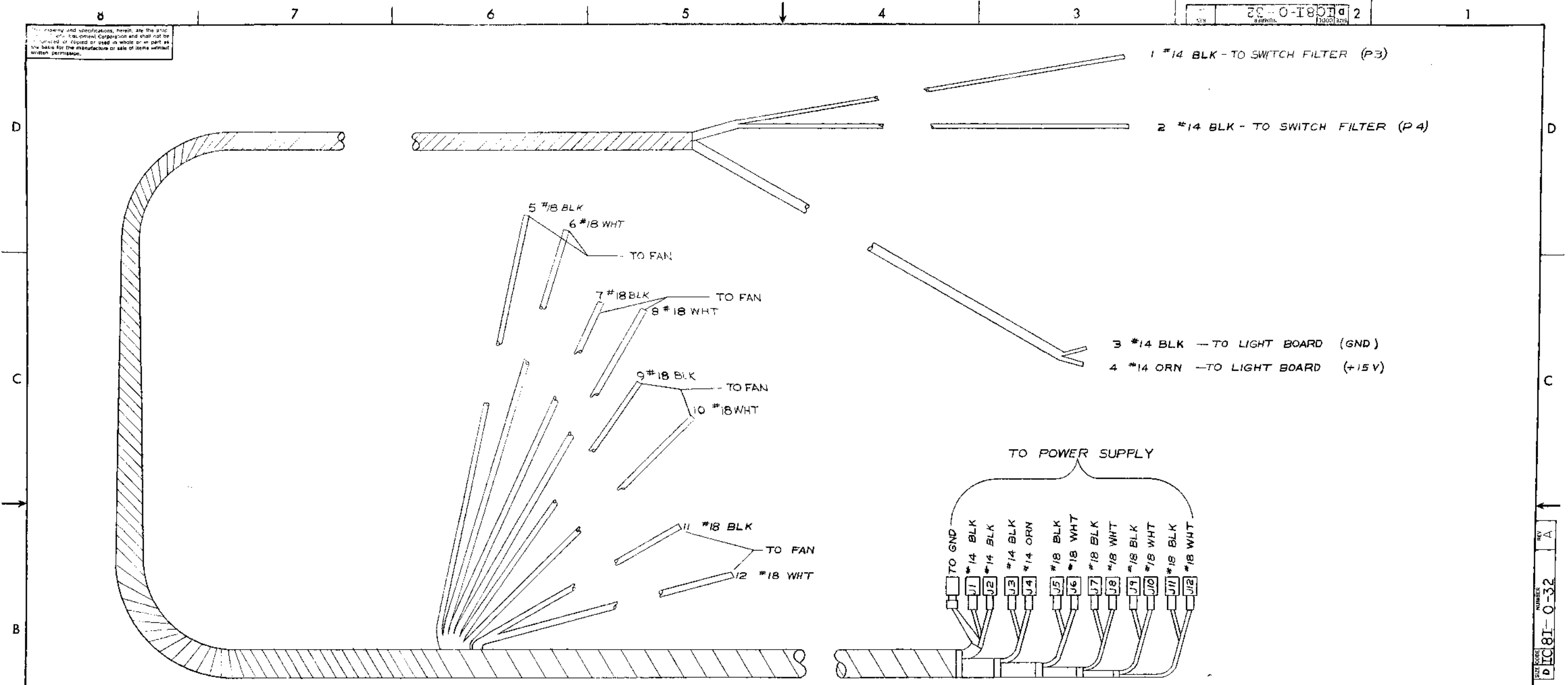


REV.	CHG. NO.	DATE
1	00027	11/19/69
2		

FIRST USE	QTY.	DESCRIPTION	PART NO.	ITEM NO.
8/I				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± .030 FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DRN W. E. McCarthy	DATE 2-14-69	digital EQUIPMENT CORPORATION CAMBRIDGE, MASSACHUSETTS	
MATERIAL + / +	ENGR. W. E. McCarthy	DATE 7/17/69	TITLE AC HARNESS CONNECTIONS TO PDP-8/I	
FINISH + / +	PROJ. ENG. W. E. McCarthy	DATE 7/17/69	SIZE/CODE D1C 8I-C-32	NUMBER 4
	PROD. W. E. McCarthy	DATE 7/17/69	DIST.	REV. A
	NEXT HIGHER ASSY			
	SCALE 1 OF 2			

D1C 8I-0-32

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REVISIONS	REV.
CHANGE NO.	
CHK	

FORM NO. 100

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED	DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES	ENG	DATE	TITLE	
TOLERANCES	PROJ. ENG.	DATE	AC HARNESS CONNECTIONS TO PDP-8/I	
DECIMALS FRACTIONS ANGLES	PROD.	DATE	SIZE/CODE	NUMBER
± .005 ± 1/64 ± 0°30'	NEXT HIGHER ASSY		DIC	81-0-32
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			DIST.	REV
MATERIAL				A
FINISH	SCALE	SHEET	2 OF 2	

SIZE CODE NUMBER D I C 81-0-32

